API Well Number: 43013526680000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU 125-7-9-16

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-74390

11. MINERAL OWNERSHIP
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1979 FSL 620 FEL	NESE	7	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	1474 FSL 660 FEL	NESE	7	9.0 S	16.0 E	S
At Total Depth	1023 FSL 714 FEL	SESE	7	9.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
2034

23. NUMBER OF ACRES IN DRILLING UNIT
10

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
417

26. PROPOSED DEPTH
MD: 6156 TVD: 6069

27. ELEVATION - GROUND LEVEL
5964

28. BOND NUMBER
WYB000493

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6156	15.5	J-55 LT&C	8.3	Premium Lite High Strength	287	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME	TITLE	PHONE
Mandie Crozier	Regulatory Tech	435 646-4825
SIGNATURE	**DATE** 11/13/2013	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013526680000

APPROVAL

Permit Manager

RECEIVED: December 03, 2013

NEWFIELD PRODUCTION COMPANY
GMBU 125-7-9-16
AT SURFACE: NE/SE SECTION 7, T9S R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' –	1625'
Green River		1625'
Wasatch		6255'
Proposed TD	6156'(MD)	6069' (TVD)

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1625' – 6255'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

RECEIVED: November 13, 2013

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU 125-7-9-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,156'	15.5	J-55	LTC	4,810 2.46	4,040 2.06	217,000 2.27

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU 125-7-9-16

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,156'	Prem Lite II w/ 10% gel + 3% KCl	287 936	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

RECEIVED: November 13, 2013

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

RECEIVED: November 13, 2013

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

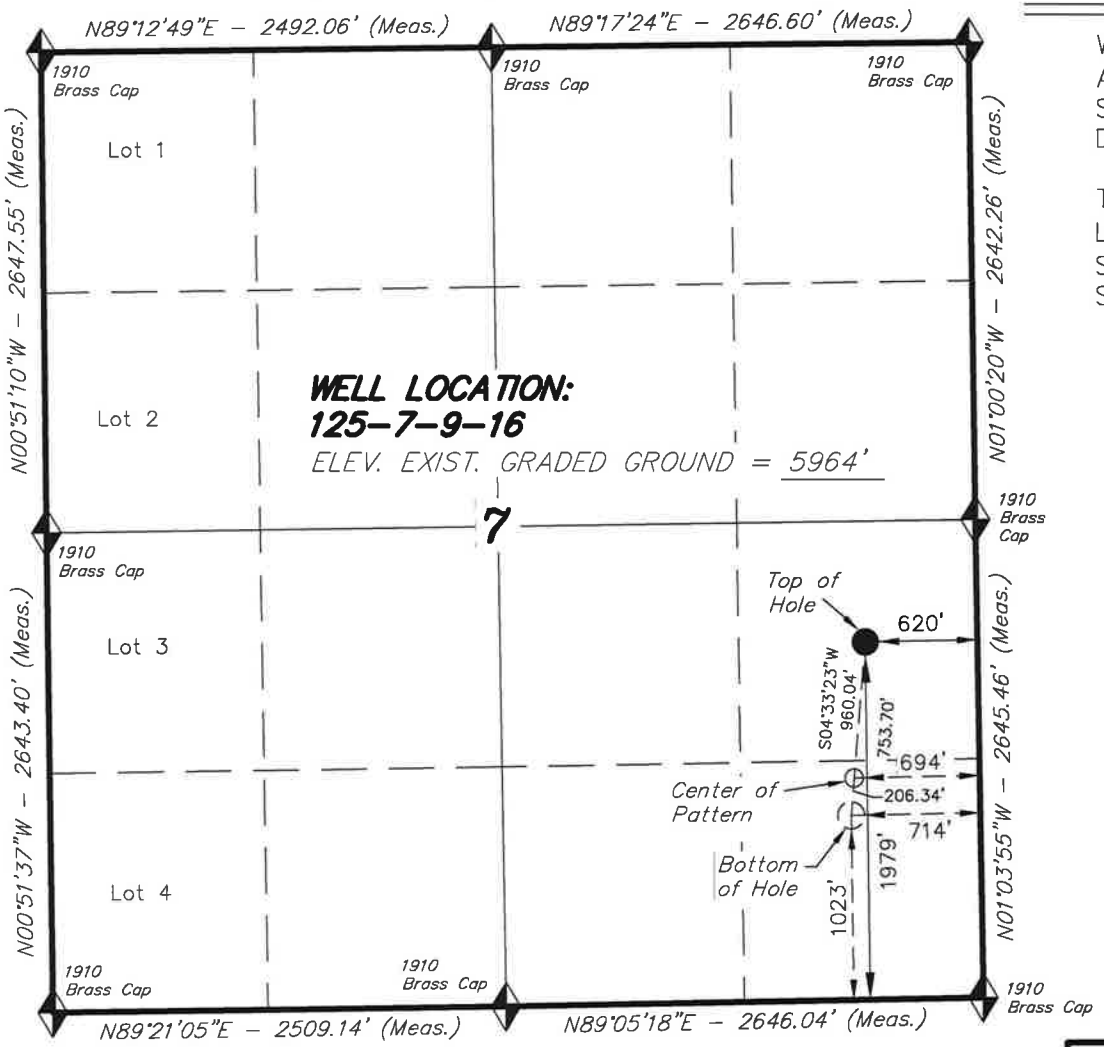
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2014, and take approximately seven (7) days from spud to rig release.

RECEIVED: November 13, 2013

API Well Number: 43013526680000

T9S, R16E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 125-7-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 125-7-9-16, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Center of Pattern footages are 1228' FSL & 694' FEL.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 189377 08-30-13 STACY W. STEWART STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

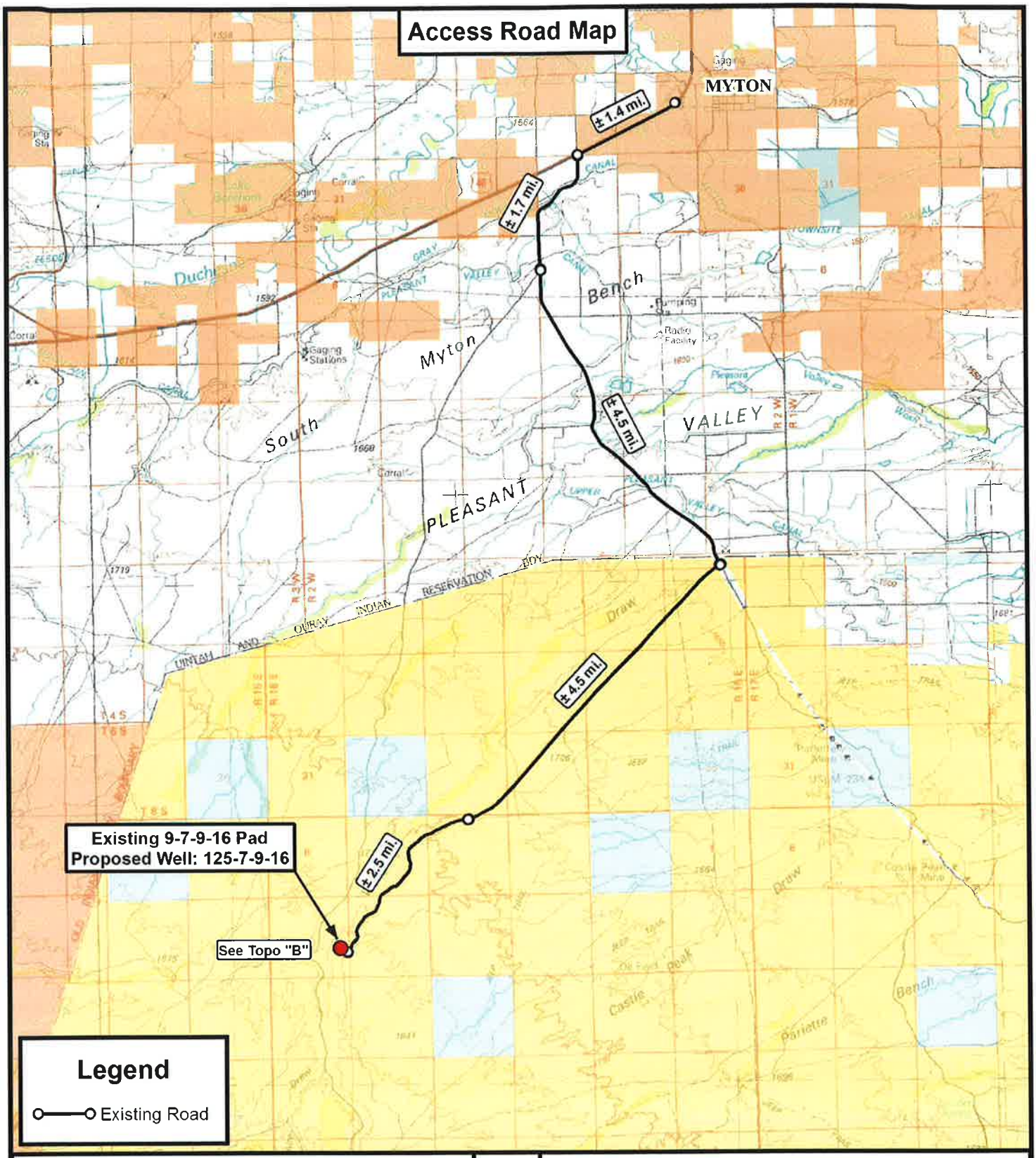
NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°02'36.95"	LONGITUDE = 110°09'17.54"
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°02'37.08"	LONGITUDE = 110°09'15.00"

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°02'29.54" LONGITUDE = 110°09'18.46"	LATITUDE = 40°02'27.51" LONGITUDE = 110°09'18.71"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°02'29.67" LONGITUDE = 110°09'15.91"	LATITUDE = 40°02'27.64" LONGITUDE = 110°09'16.16"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 08-09-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 08-30-13	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013526680000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

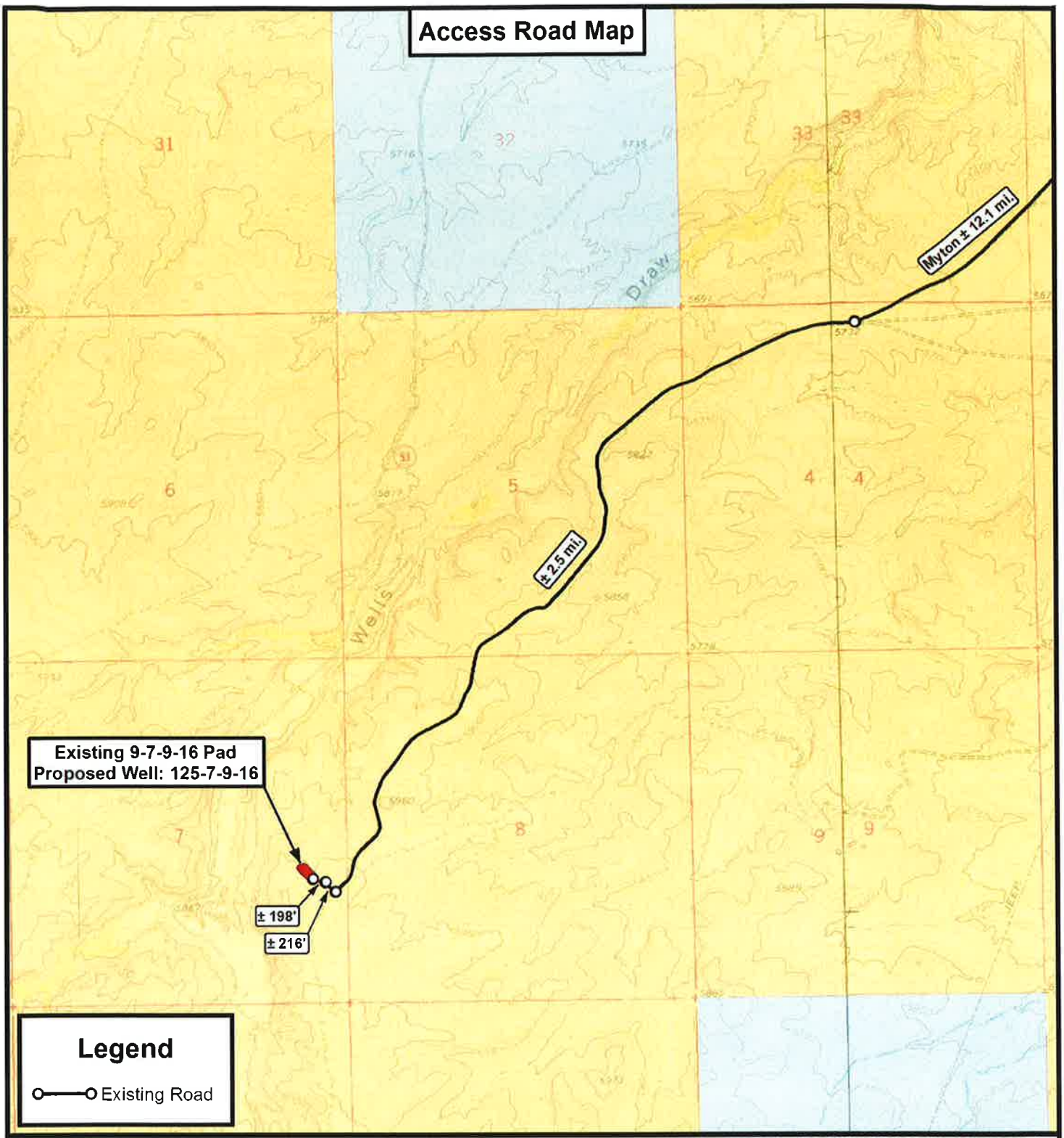
Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013526680000



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

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NEWFIELD EXPLORATION COMPANY

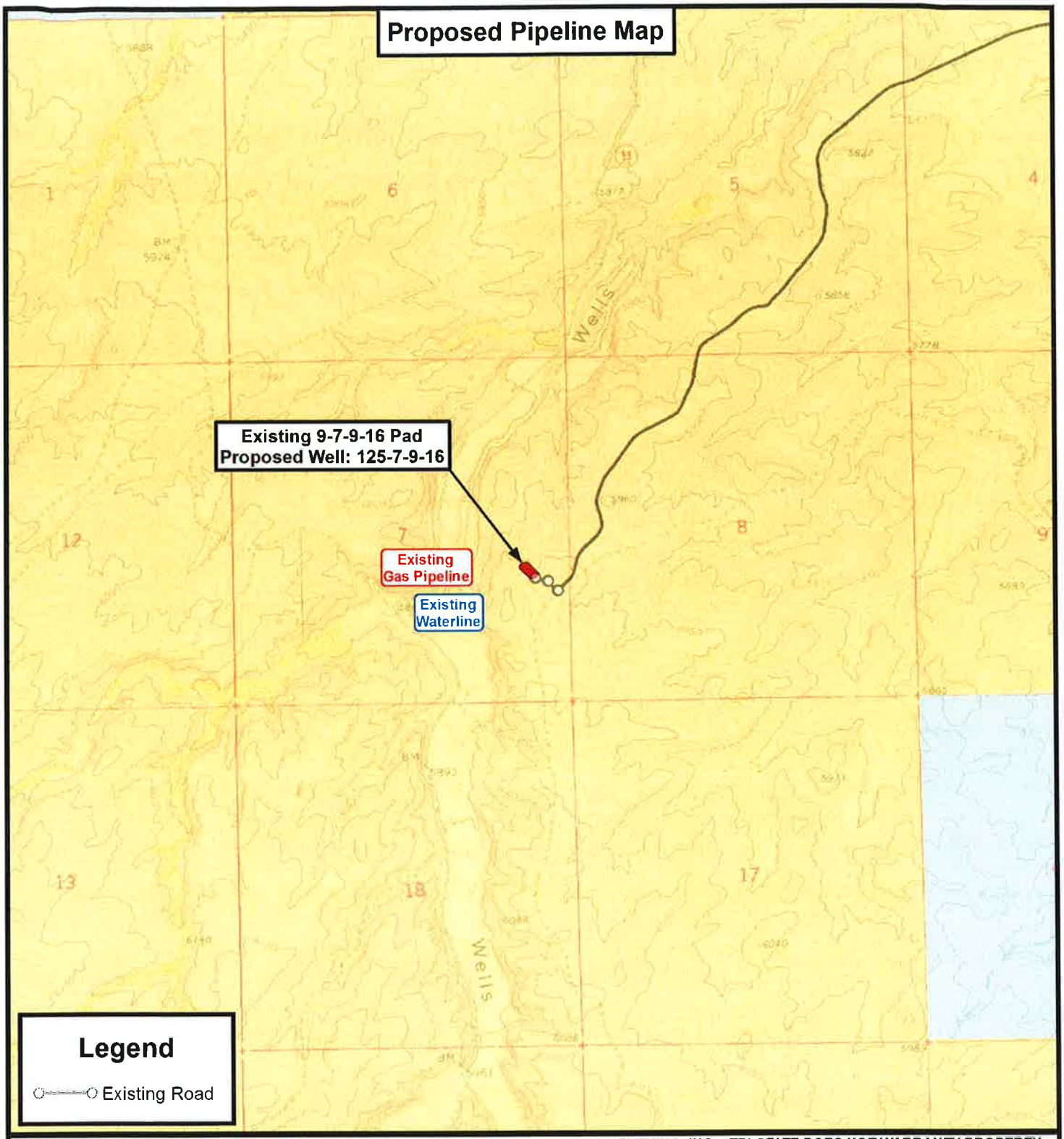
Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013526680000



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N

NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

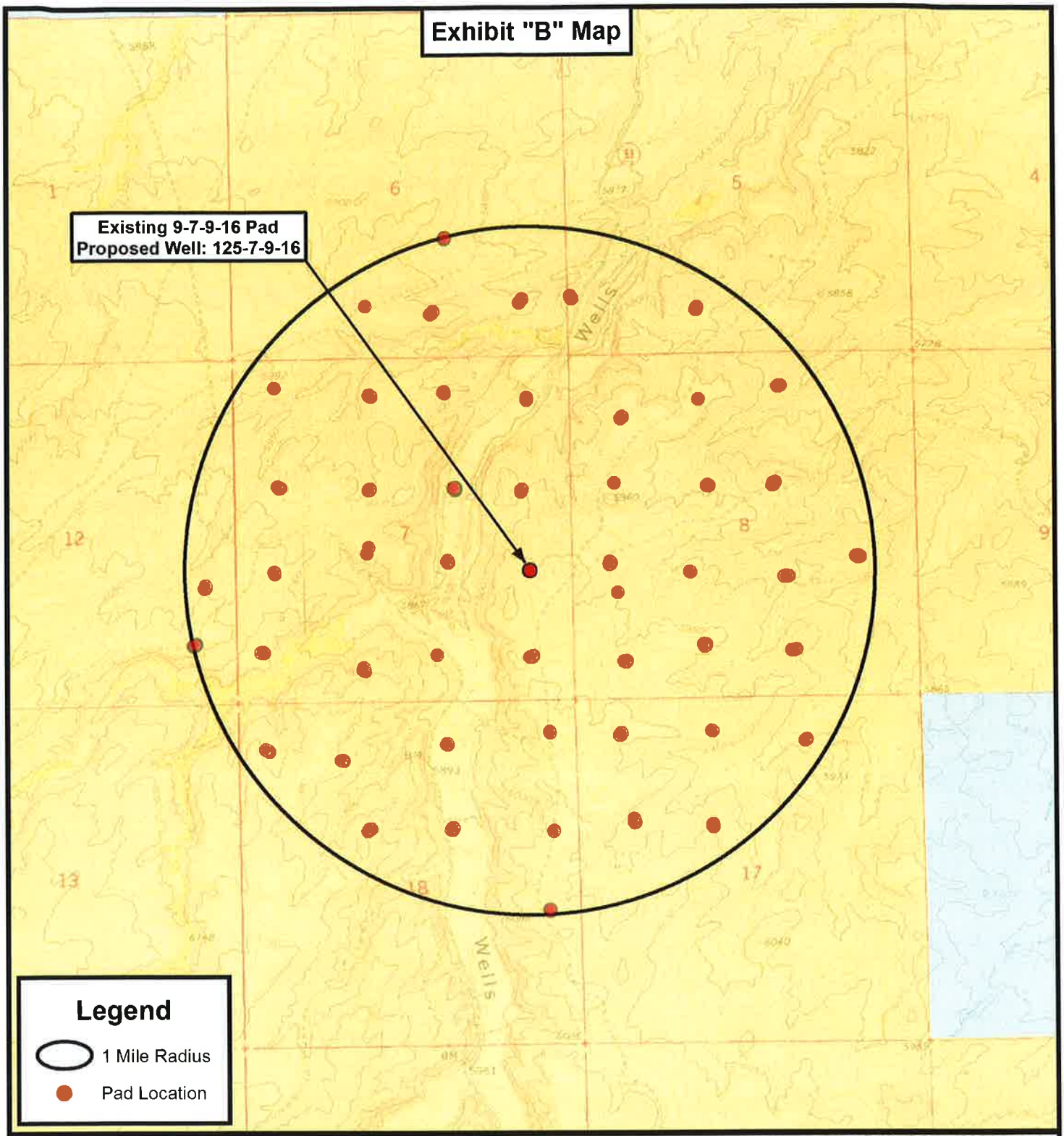
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013526680000

Exhibit "B" Map



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N

NEWFIELD EXPLORATION COMPANY
Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013526680000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
9-7-9-16	Surface Hole	40° 02' 36.99" N	110° 09' 18.10" W
K-7-9-16	Surface Hole	40° 02' 36.97" N	110° 09' 17.81" W
125-7-9-16	Surface Hole	40° 02' 36.95" N	110° 09' 17.54" W
125-7-9-16	Center of Pattern	40° 02' 29.54" N	110° 09' 18.46" W
125-7-9-16	Bottom of Hole	40° 02' 27.51" N	110° 09' 18.71" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
9-7-9-16	Surface Hole	40.043608	110.155027
K-7-9-16	Surface Hole	40.043603	110.154949
125-7-9-16	Surface Hole	40.043597	110.154873
125-7-9-16	Center of Pattern	40.041538	110.155127
125-7-9-16	Bottom of Hole	40.040974	110.155197

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
9-7-9-16	Surface Hole	4432939.326	572081.229
K-7-9-16	Surface Hole	4432938.724	572087.896
125-7-9-16	Surface Hole	4432938.142	572094.332
125-7-9-16	Center of Pattern	4432709.382	572074.823
125-7-9-16	Bottom of Hole	4432646.753	572069.482

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
9-7-9-16	Surface Hole	40° 02' 37.13" N	110° 09' 15.55" W
K-7-9-16	Surface Hole	40° 02' 37.11" N	110° 09' 15.27" W
125-7-9-16	Surface Hole	40° 02' 37.08" N	110° 09' 15.00" W
125-7-9-16	Center of Pattern	40° 02' 29.67" N	110° 09' 15.91" W
125-7-9-16	Bottom of Hole	40° 02' 27.64" N	110° 09' 16.16" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
9-7-9-16	Surface Hole	40.043646	110.154319
K-7-9-16	Surface Hole	40.043640	110.154241
125-7-9-16	Surface Hole	40.043635	110.154166
125-7-9-16	Center of Pattern	40.041575	110.154420
125-7-9-16	Bottom of Hole	40.041012	110.154489

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NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	09-06-2013		
VERSION:	V1		

COORDINATE REPORT

SHEET 1

API Well Number: 43013526680000

Coordinate Report

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
9-7-9-16	Surface Hole	4432733.992	572143.436
K-7-9-16	Surface Hole	4432733.389	572150.103
125-7-9-16	Surface Hole	4432732.808	572156.539
125-7-9-16	Center of Pattern	4432504.048	572137.032
125-7-9-16	Bottom of Hole	4432441.418	572131.691

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NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	09-06-2013		
VERSION:	V1		

COORDINATE REPORT

SHEET 2

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 7 T9, R16
125-7-9-16

Wellbore #1

Plan: Design #1

Standard Planning Report

07 November, 2013

RECEIVED: November 13, 2013

NEWFIELD

Payzone Directional

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 125-7-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	125-7-9-16 @ 5974.0usft
Project:	USGS Myton SW (UT)	**MD Reference:**	125-7-9-16 @ 5974.0usft
Site:	SECTION 7 T9, R16	**North Reference:**	True
Well:	125-7-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 7 T9, R16, SEC 7 T9S, R16E				
Site Position:		**Northing:**	7,188,707.58 usft	**Latitude:**	40° 2' 50.090 N
From:	Lat/Long	**Easting:**	2,013,121.90 usft	**Longitude:**	110° 10' 6.930 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.85 °

Well	125-7-9-16, SHL: 40°02'36.95" -110°09'17.54"				
Well Position	**+N/-S** -1,329.2 usft	**Northing:**	7,187,435.66 usft	**Latitude:**	40° 2' 36.950 N
	+E/-W 3,840.9 usft	**Easting:**	2,016,982.12 usft	**Longitude:**	110° 9' 17.540 W
Position Uncertainty	0.0 usft	**Wellhead Elevation:**	5,974.0 usft	**Ground Level:**	5,964.0 usft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	11/7/2013	11.04	65.72	52,016

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	184.56	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,308.9	10.63	184.56	1,304.8	-65.4	-5.2	1.50	1.50	-24.75	184.56	
5,038.1	10.63	184.56	4,970.0	-751.3	-59.9	0.00	0.00	0.00	0.00	125-7-9-16 TGT
6,156.3	10.63	184.56	6,069.0	-957.0	-76.3	0.00	0.00	0.00	0.00	

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NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 125-7-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	125-7-9-16 @ 5974.0usft
Project:	USGS Myton SW (UT)	**MD Reference:**	125-7-9-16 @ 5974.0usft
Site:	SECTION 7 T9, R16	**North Reference:**	True
Well:	125-7-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	184.56	700.0	-1.3	-0.1	1.3	1.50	1.50	0.00
800.0	3.00	184.56	799.9	-5.2	-0.4	5.2	1.50	1.50	0.00
900.0	4.50	184.56	899.7	-11.7	-0.9	11.8	1.50	1.50	0.00
1,000.0	6.00	184.56	999.3	-20.9	-1.7	20.9	1.50	1.50	0.00
1,100.0	7.50	184.56	1,098.6	-32.6	-2.6	32.7	1.50	1.50	0.00
1,200.0	9.00	184.56	1,197.5	-46.9	-3.7	47.0	1.50	1.50	0.00
1,308.9	10.63	184.56	1,304.8	-65.4	-5.2	65.6	1.50	1.50	0.00
1,400.0	10.63	184.56	1,394.4	-82.1	-6.6	82.4	0.00	0.00	0.00
1,500.0	10.63	184.56	1,492.7	-100.5	-8.0	100.9	0.00	0.00	0.00
1,600.0	10.63	184.56	1,590.9	-118.9	-9.5	119.3	0.00	0.00	0.00
1,700.0	10.63	184.56	1,689.2	-137.3	-11.0	137.8	0.00	0.00	0.00
1,800.0	10.63	184.56	1,787.5	-155.7	-12.4	156.2	0.00	0.00	0.00
1,900.0	10.63	184.56	1,885.8	-174.1	-13.9	174.7	0.00	0.00	0.00
2,000.0	10.63	184.56	1,984.1	-192.5	-15.4	193.1	0.00	0.00	0.00
2,100.0	10.63	184.56	2,082.4	-210.9	-16.8	211.6	0.00	0.00	0.00
2,200.0	10.63	184.56	2,180.6	-229.3	-18.3	230.0	0.00	0.00	0.00
2,300.0	10.63	184.56	2,278.9	-247.7	-19.8	248.5	0.00	0.00	0.00
2,400.0	10.63	184.56	2,377.2	-266.1	-21.2	266.9	0.00	0.00	0.00
2,500.0	10.63	184.56	2,475.5	-284.5	-22.7	285.4	0.00	0.00	0.00
2,600.0	10.63	184.56	2,573.8	-302.9	-24.2	303.8	0.00	0.00	0.00
2,700.0	10.63	184.56	2,672.1	-321.3	-25.6	322.3	0.00	0.00	0.00
2,800.0	10.63	184.56	2,770.3	-339.7	-27.1	340.7	0.00	0.00	0.00
2,900.0	10.63	184.56	2,868.6	-358.0	-28.6	359.2	0.00	0.00	0.00
3,000.0	10.63	184.56	2,966.9	-376.4	-30.0	377.6	0.00	0.00	0.00
3,100.0	10.63	184.56	3,065.2	-394.8	-31.5	396.1	0.00	0.00	0.00
3,200.0	10.63	184.56	3,163.5	-413.2	-33.0	414.5	0.00	0.00	0.00
3,300.0	10.63	184.56	3,261.7	-431.6	-34.4	433.0	0.00	0.00	0.00
3,400.0	10.63	184.56	3,360.0	-450.0	-35.9	451.4	0.00	0.00	0.00
3,500.0	10.63	184.56	3,458.3	-468.4	-37.4	469.9	0.00	0.00	0.00
3,600.0	10.63	184.56	3,556.6	-486.8	-38.8	488.3	0.00	0.00	0.00
3,700.0	10.63	184.56	3,654.9	-505.2	-40.3	506.8	0.00	0.00	0.00
3,800.0	10.63	184.56	3,753.2	-523.6	-41.8	525.2	0.00	0.00	0.00
3,900.0	10.63	184.56	3,851.4	-542.0	-43.2	543.7	0.00	0.00	0.00
4,000.0	10.63	184.56	3,949.7	-560.4	-44.7	562.2	0.00	0.00	0.00
4,100.0	10.63	184.56	4,048.0	-578.8	-46.2	580.6	0.00	0.00	0.00
4,200.0	10.63	184.56	4,146.3	-597.2	-47.6	599.1	0.00	0.00	0.00
4,300.0	10.63	184.56	4,244.6	-615.6	-49.1	617.5	0.00	0.00	0.00
4,400.0	10.63	184.56	4,342.9	-633.9	-50.6	636.0	0.00	0.00	0.00
4,500.0	10.63	184.56	4,441.1	-652.3	-52.0	654.4	0.00	0.00	0.00
4,600.0	10.63	184.56	4,539.4	-670.7	-53.5	672.9	0.00	0.00	0.00
4,700.0	10.63	184.56	4,637.7	-689.1	-55.0	691.3	0.00	0.00	0.00
4,800.0	10.63	184.56	4,736.0	-707.5	-56.4	709.8	0.00	0.00	0.00
4,900.0	10.63	184.56	4,834.3	-725.9	-57.9	728.2	0.00	0.00	0.00
5,000.0	10.63	184.56	4,932.6	-744.3	-59.4	746.7	0.00	0.00	0.00
5,038.1	10.63	184.56	4,970.0	-751.3	-59.9	753.7	0.00	0.00	0.00
5,100.0	10.63	184.56	5,030.8	-762.7	-60.8	765.1	0.00	0.00	0.00
5,200.0	10.63	184.56	5,129.1	-781.1	-62.3	783.6	0.00	0.00	0.00

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Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 125-7-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	125-7-9-16 @ 5974.0usft
Project:	USGS Myton SW (UT)	**MD Reference:**	125-7-9-16 @ 5974.0usft
Site:	SECTION 7 T9, R16	**North Reference:**	True
Well:	125-7-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

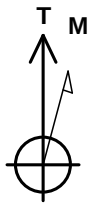
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	10.63	184.56	5,227.4	-799.5	-63.8	802.0	0.00	0.00	0.00
5,400.0	10.63	184.56	5,325.7	-817.9	-65.2	820.5	0.00	0.00	0.00
5,500.0	10.63	184.56	5,424.0	-836.3	-66.7	838.9	0.00	0.00	0.00
5,600.0	10.63	184.56	5,522.3	-854.7	-68.2	857.4	0.00	0.00	0.00
5,700.0	10.63	184.56	5,620.5	-873.1	-69.6	875.8	0.00	0.00	0.00
5,800.0	10.63	184.56	5,718.8	-891.5	-71.1	894.3	0.00	0.00	0.00
5,900.0	10.63	184.56	5,817.1	-909.8	-72.6	912.7	0.00	0.00	0.00
6,000.0	10.63	184.56	5,915.4	-928.2	-74.0	931.2	0.00	0.00	0.00
6,100.0	10.63	184.56	6,013.7	-946.6	-75.5	949.6	0.00	0.00	0.00
6,156.3	10.63	184.56	6,069.0	-957.0	-76.3	960.0	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
125-7-9-16 TGT - plan hits target center - Circle (radius 75.0)	0.00	0.00	4,970.0	-751.3	-59.9	7,186,683.53	2,016,933.51	40° 2' 29.524 N	110° 9' 18.311 W

API Well Number: 43013526680000

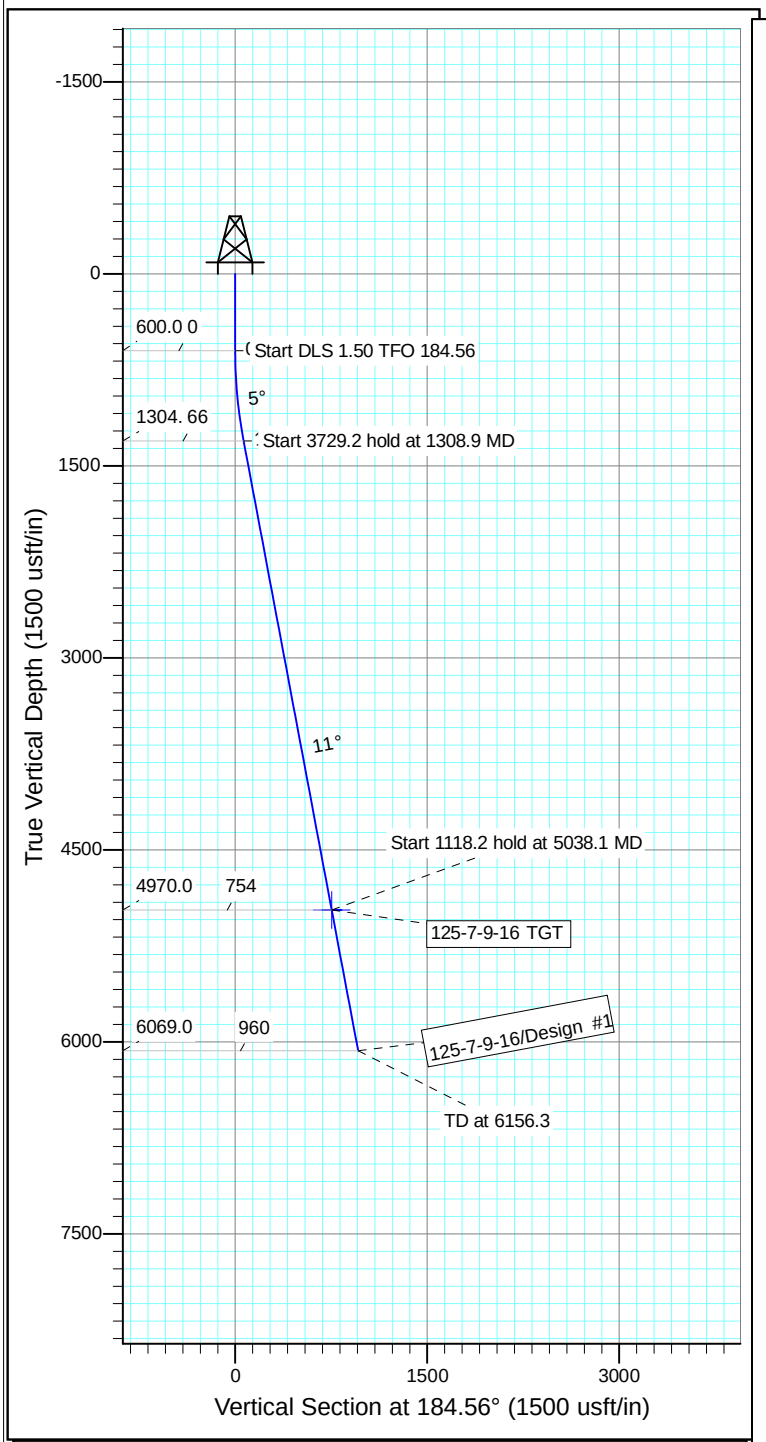
Project: USGS Myton SW (UT)
Site: SECTION 7 T9, R16
Well: 125-7-9-16
Wellbore: Wellbore #1
Design: Design #1

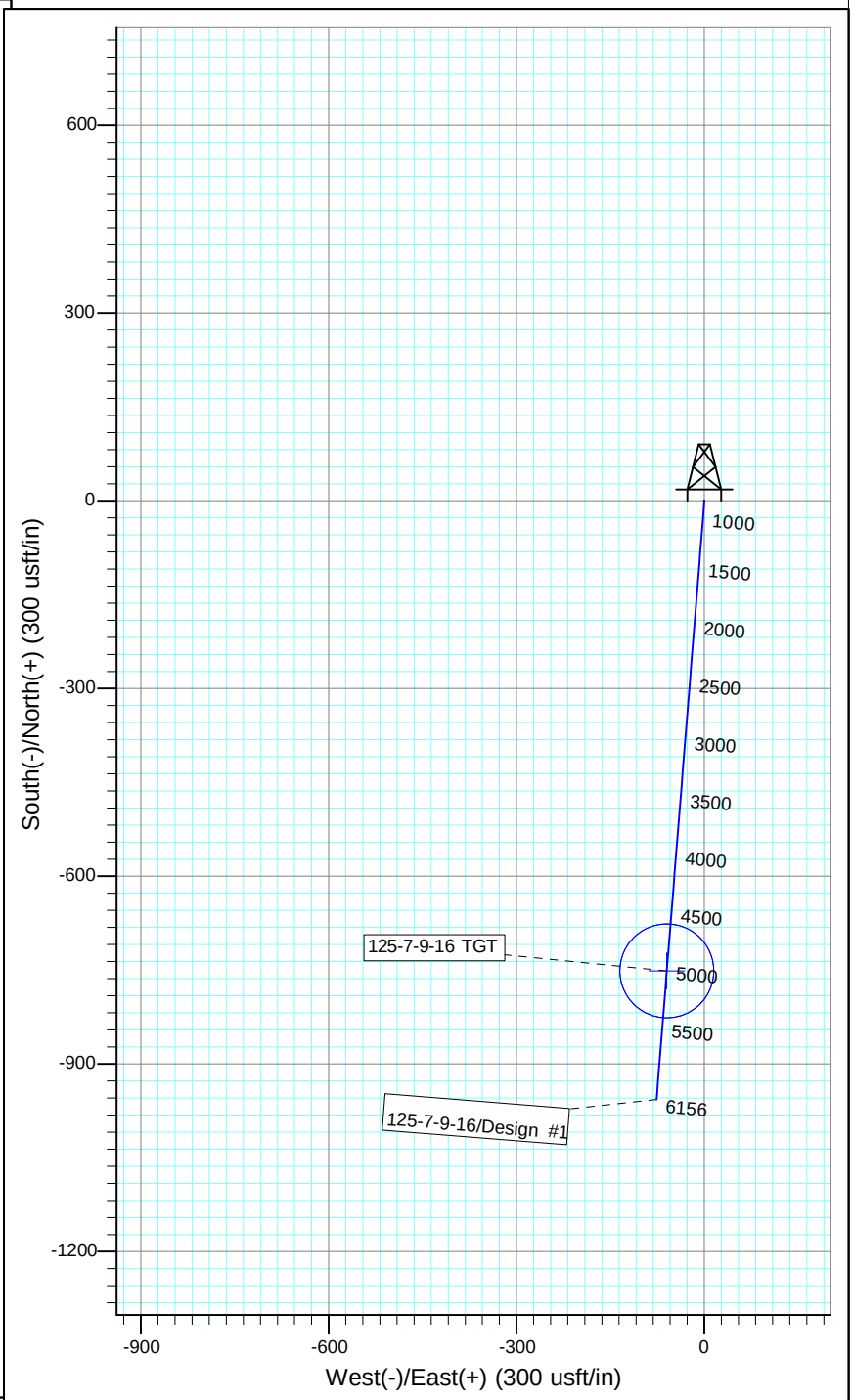


Azimuths to True North
Magnetic North: 11.04°

Magnetic Field
Strength: 52016.4snT
Dip Angle: 65.72°
Date: 11/7/2013
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
125-7-9-16 TGT	4970.0	-751.3	-59.9	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1308.9	10.63	184.56	1304.8	-65.4	-5.2	1.50	184.56	65.6	
4	5038.1	10.63	184.56	4970.0	-751.3	-59.9	0.00	0.00	753.7	125-7-9-16 TGT
5	6156.3	10.63	184.56	6069.0	-957.0	-76.3	0.00	0.00	960.0	

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NEWFIELD PRODUCTION COMPANY
GMBU 125-7-9-16
AT SURFACE: NE/SE SECTION 7, T9S R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU 125-7-9-16 located in the NE 1/4 SE 1/4 Section 7, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 6.2 miles ± to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 7.0 miles ± to it's junction with an existing road to the northwest; proceed in a northwesterly direction – 216' ± to it's junction with the beginning of the access road to the existing 9-7-9-16 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 9-7-9-16 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

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There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

a) All pits will be fenced or have panels installed consistent with the following minimum standards:

1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times

3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – Bureau of Land Management.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit # U-13-MQ-0883b, 10/21/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade Miller, 10/03/13. See attached report cover pages.

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Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration
Newfield Production Company guarantees that during the drilling and completion of the GMBU 125-7-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 125-7-9-16, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative
Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #125-7-9-16, Section 7, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

Mandie Crozier

Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2013.11.13 14:22:45 -07'00'

11/8/13
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

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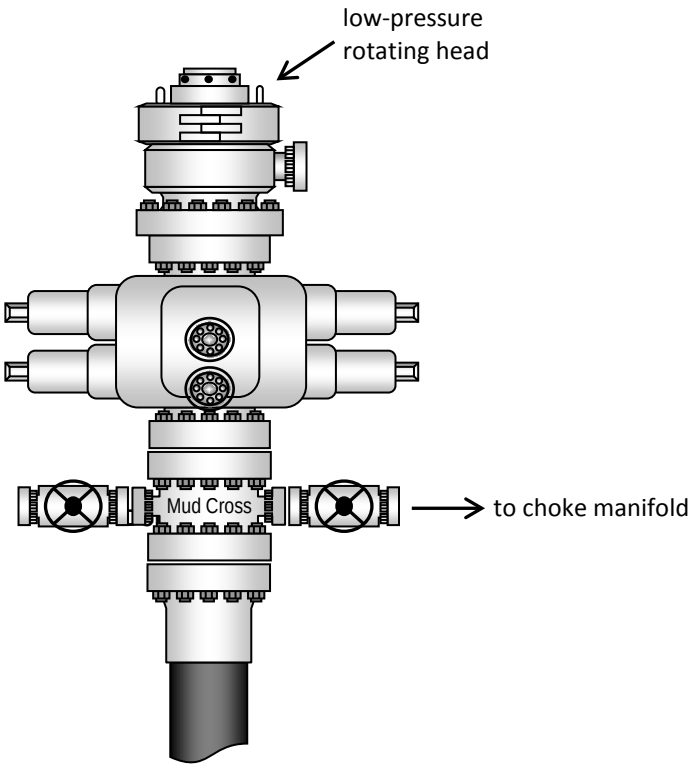
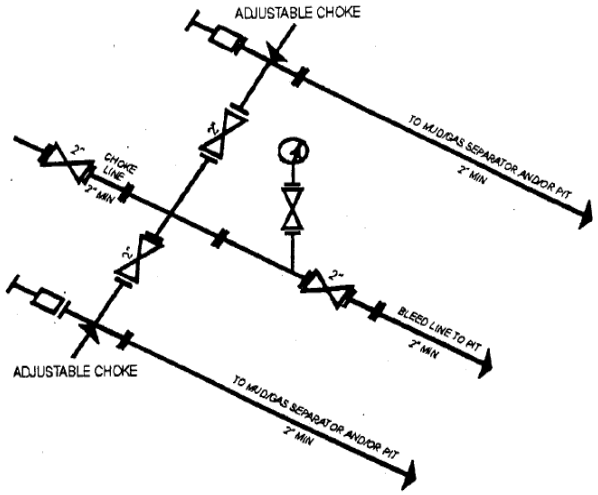
Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

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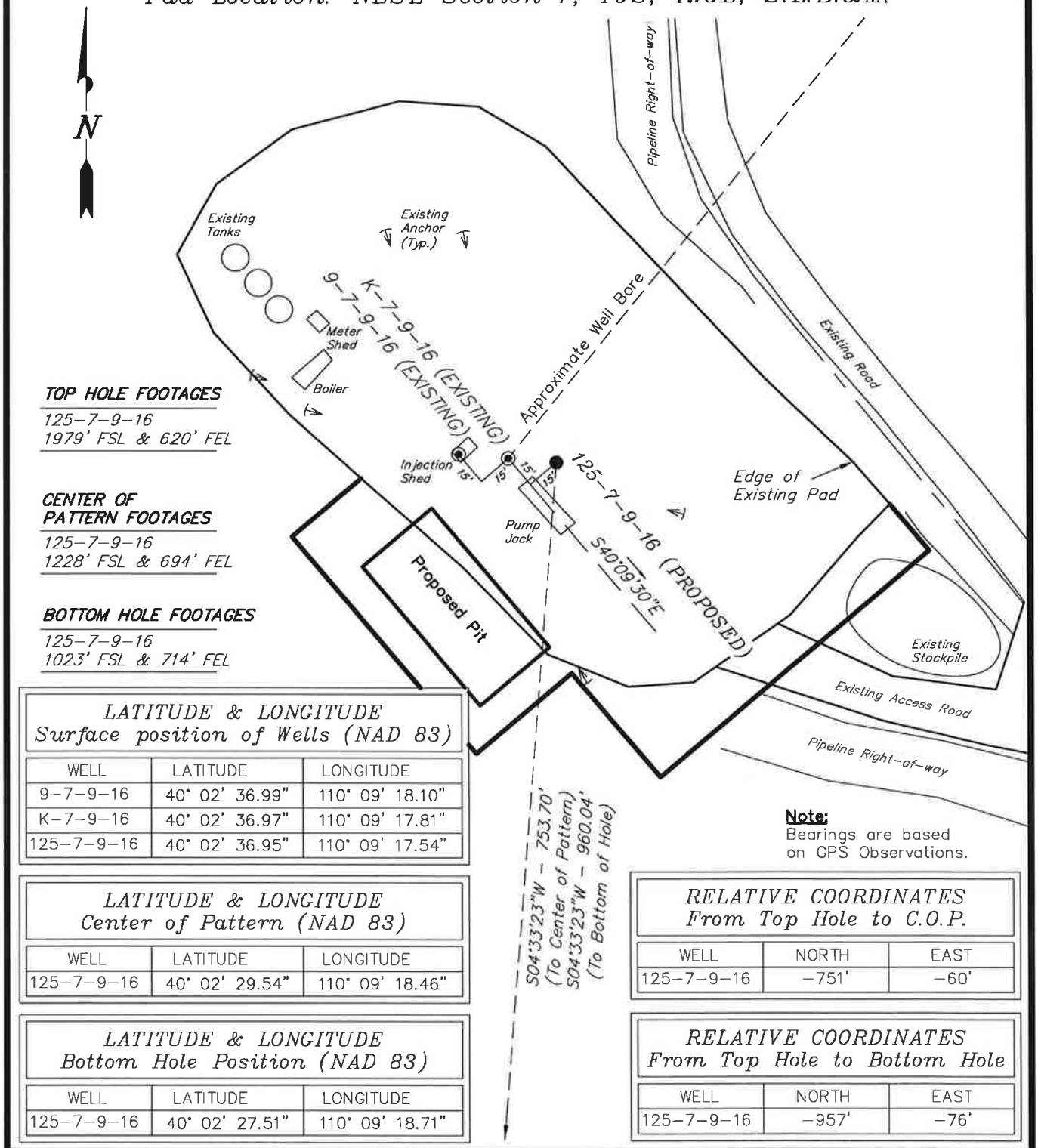
API Well Number: 43013526680000

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT
EXISTING 9-7-9-16 PAD
PROPOSED WELL: 125-7-9-16
Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES
125-7-9-16
1979' FSL & 620' FEL

CENTER OF PATTERN FOOTAGES
125-7-9-16
1228' FSL & 694' FEL

BOTTOM HOLE FOOTAGES
125-7-9-16
1023' FSL & 714' FEL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
9-7-9-16	40° 02' 36.99"	110° 09' 18.10"
K-7-9-16	40° 02' 36.97"	110° 09' 17.81"
125-7-9-16	40° 02' 36.95"	110° 09' 17.54"

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
125-7-9-16	40° 02' 29.54"	110° 09' 18.46"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
125-7-9-16	40° 02' 27.51"	110° 09' 18.71"

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
125-7-9-16	-751'	-60'

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
125-7-9-16	-957'	-76'

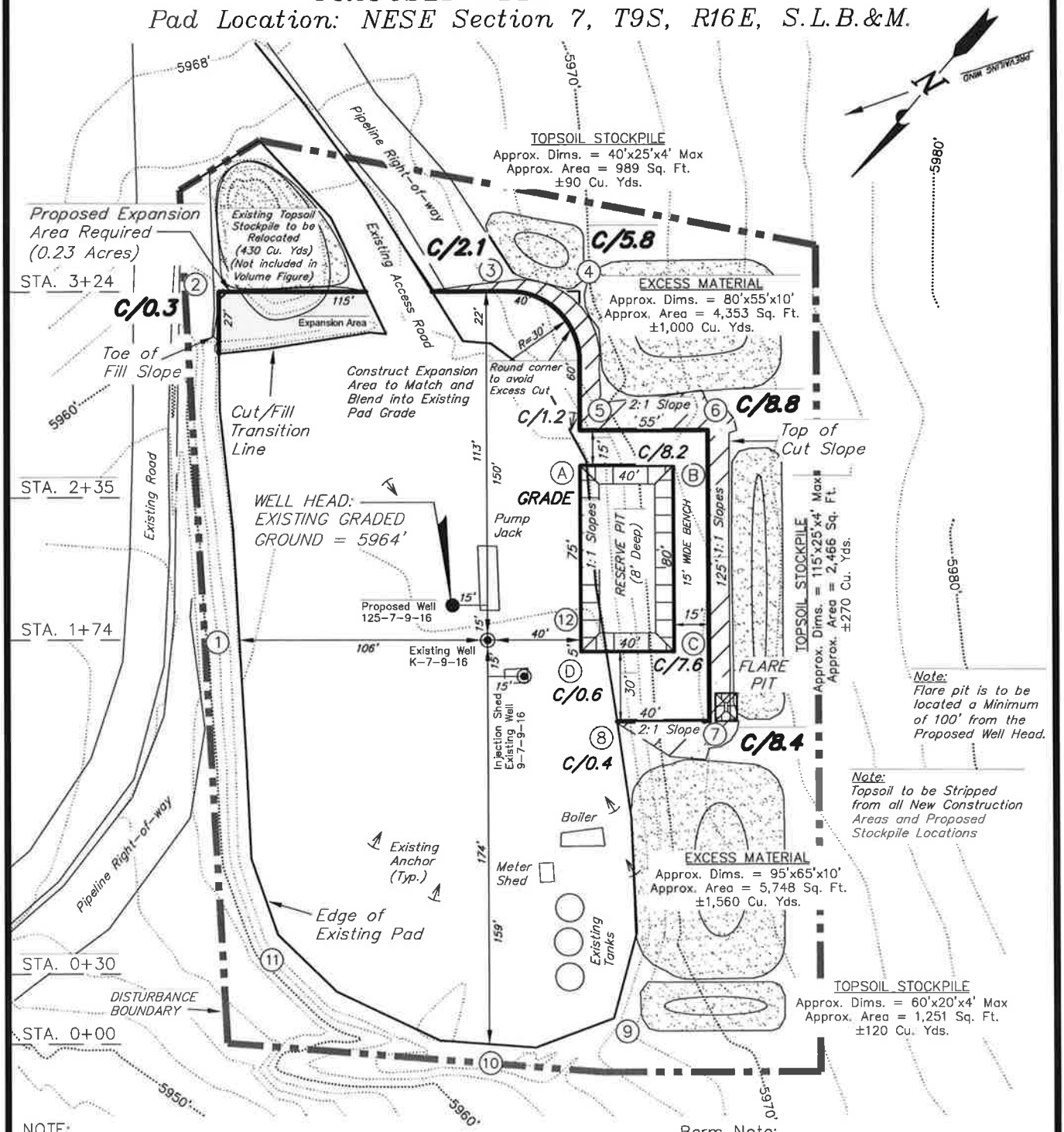
SURVEYED BY: S.H.	DATE SURVEYED: 08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-14-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

API Well Number: 43013526680000

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT
EXISTING 9-7-9-16 PAD
PROPOSED WELL: 125-7-9-16

Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 3,040 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Berm Note:
Construct 2' High Berm around Perimeter of Pad, Except when Cut Exceeds 2'. Blend new Constructed Berm into Existing Pad Berm where Required.

SURVEYED BY: S.H.	DATE SURVEYED: 08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-15-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

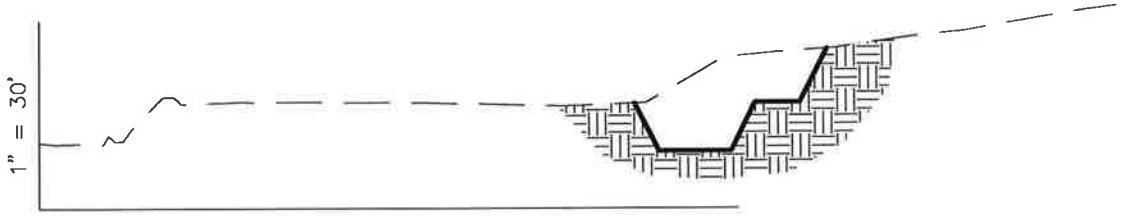
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS
EXISTING 9-7-9-16 PAD
PROPOSED WELL: 125-7-9-16

Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.

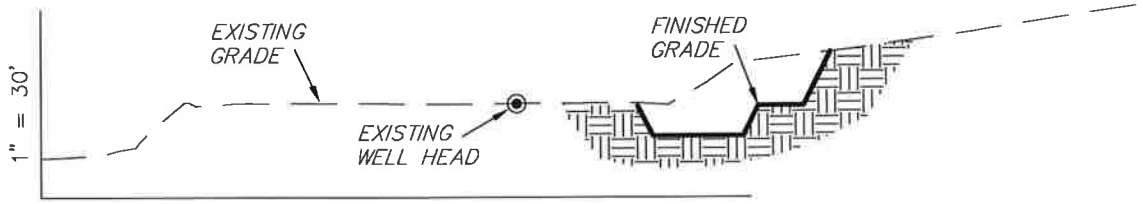
1" = 60'

STA. 3+24



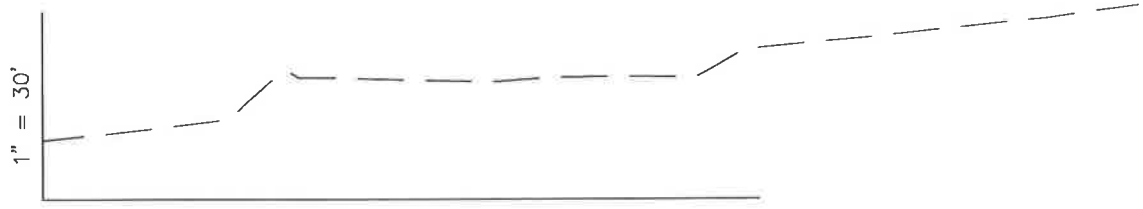
1" = 60'

STA. 2+35



1" = 60'

STA. 1+74



1" = 60'

STA. 0+30

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,680	40	Topsoil is not included in Pad Cut	1,640
PIT	690	0		690
TOTALS	2,370	40	440	2,330

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

SURVEYED BY: S.H.	DATE SURVEYED: 08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-15-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

API Well Number: 43013526680000

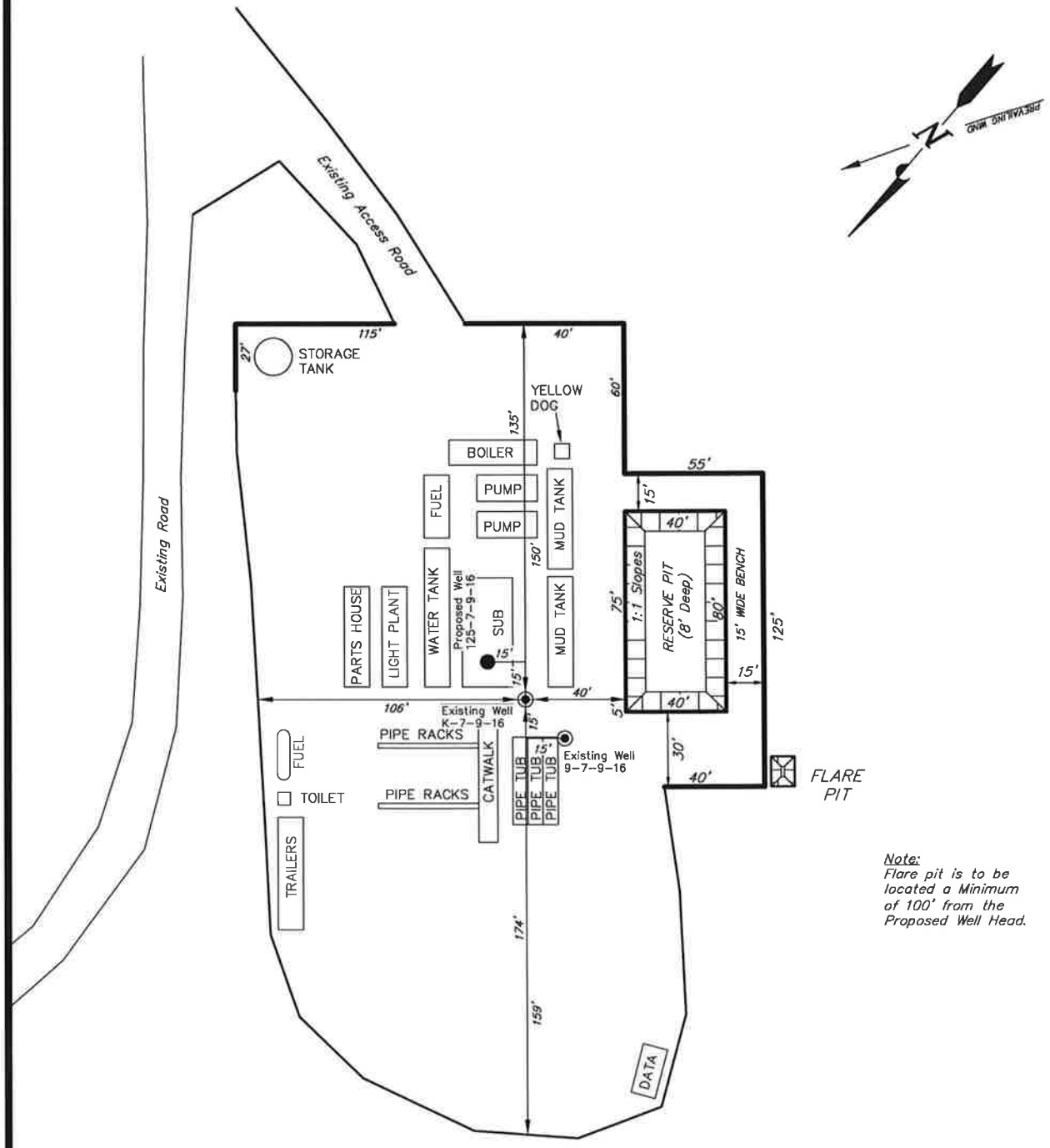
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

EXISTING 9-7-9-16 PAD

PROPOSED WELL: 125-7-9-16

Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: S.H.	DATE SURVEYED: 08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-15-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

API Well Number: 43013526680000

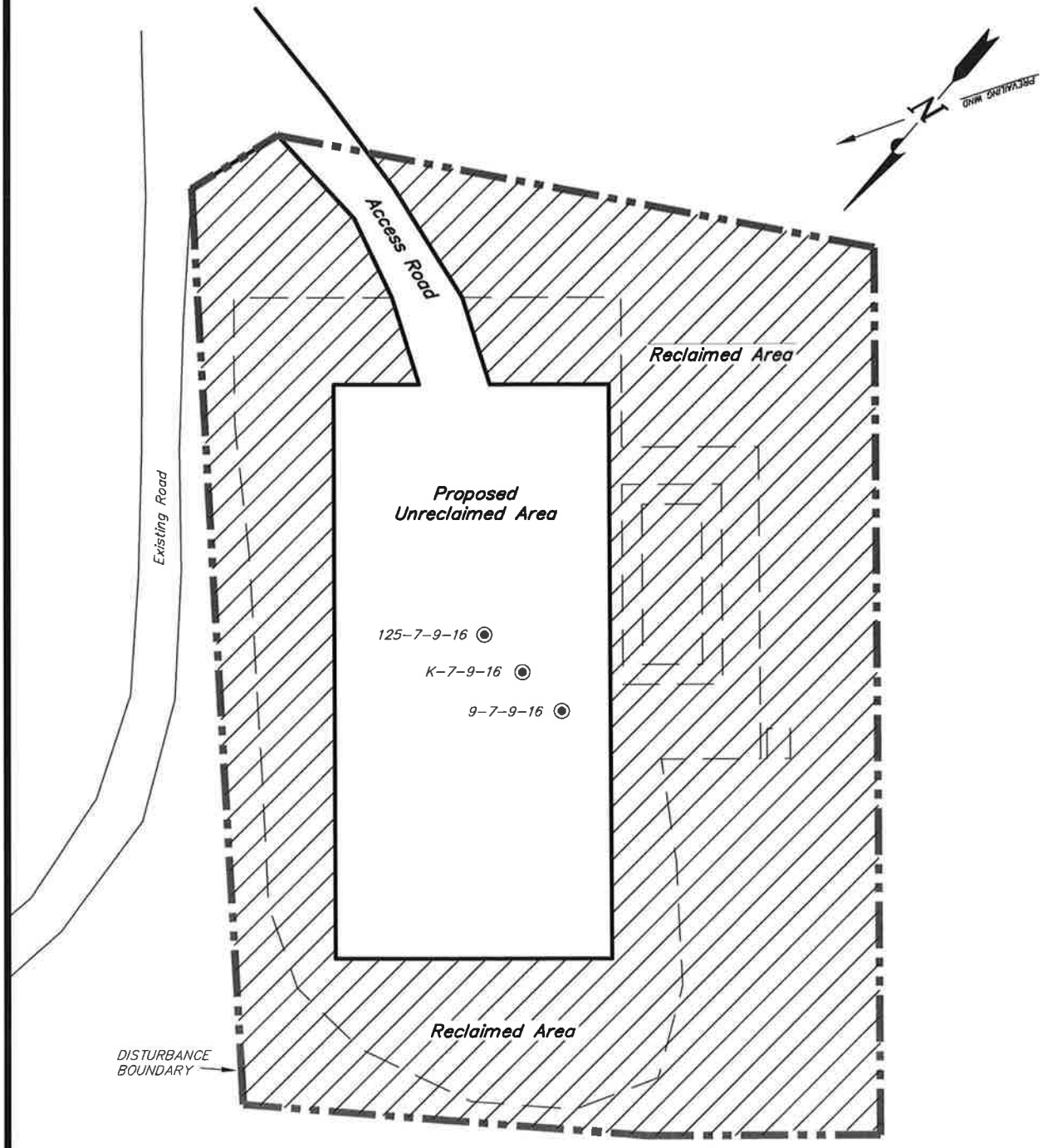
NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

EXISTING 9-7-9-16 PAD

PROPOSED WELL: 125-7-9-16

Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.



Notes:
1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

DISTURBED AREA:

TOTAL DISTURBED AREA = ±2.27 ACRES
TOTAL RECLAIMED AREA = ±1.63 ACRES
UNRECLAIMED AREA = ±0.64 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-15-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

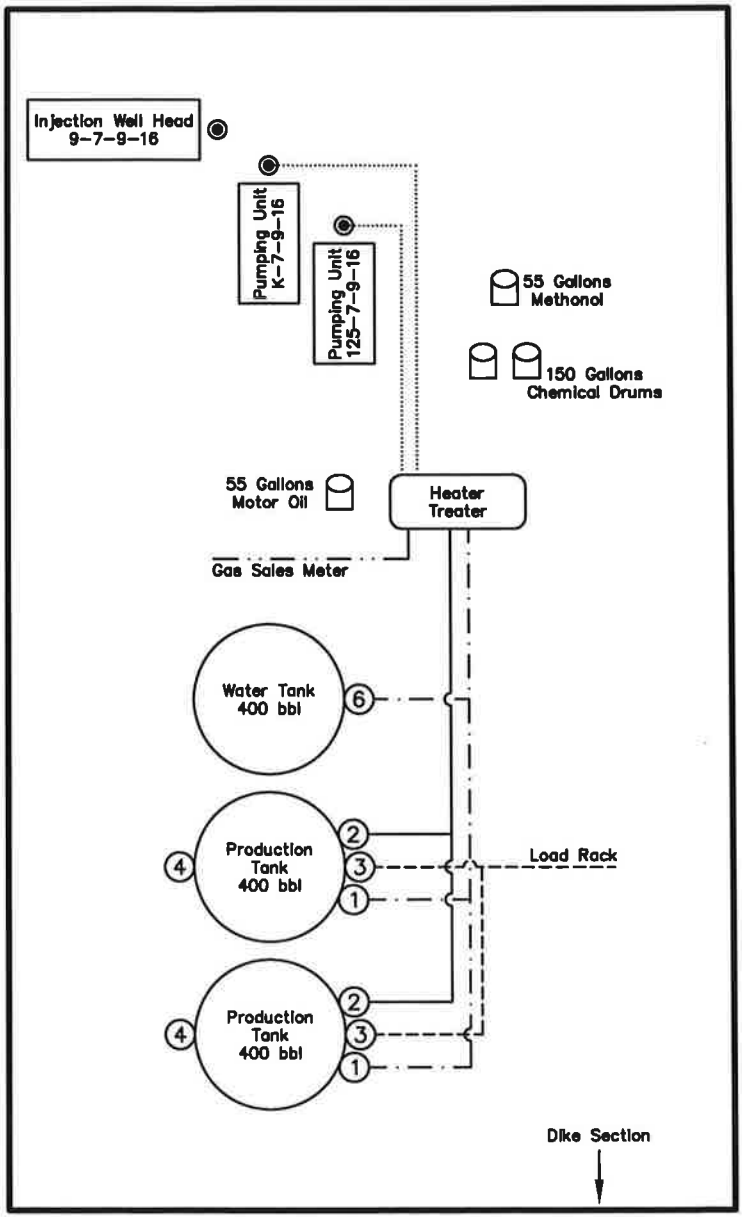
9-7-9-16 PAD

K-7-9-16 UTU-74390

125-7-9-16 UTU-74390

Pad Location: NESE Section 7, T9S, R16E, S.L.B.&M.

Duchesne County, Utah



Legend

Emulsion Line	.....
Load Rack	- - - - - - - -
Water Line	— · — · —
Gas Sales	— · · — · · —
Oil Line	———

NOT TO SCALE

SURVEYED BY:	S.H.	DATE SURVEYED:	08-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY:	F.T.M.	DATE DRAWN:	08-15-13	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE:	NONE	REVISED:			

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

November 18, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
Proposed PZ GREEN RIVER)		
43-013-52642	GMBU 103-5-9-16	Sec 05 T09S R16E 0681 FNL 2052 FWL BHL Sec 32 T08S R16E 0116 FSL 1972 FWL
43-013-52654	GMBU 10-9-9-16	Sec 09 T09S R16E 1755 FSL 1989 FEL BHL Sec 09 T09S R16E 1755 FSL 1989 FEL
43-013-52660	GMBU P-22-8-17	Sec 21 T08S R17E 1759 FSL 0477 FEL BHL Sec 22 T08S R17E 1028 FSL 0073 FWL
43-013-52661	GMBU N-21-8-17	Sec 21 T08S R17E 2182 FNL 2178 FWL BHL Sec 21 T08S R17E 2463 FSL 1122 FWL
43-013-52662	GMBU M-21-8-17	Sec 21 T08S R17E 2201 FNL 2187 FWL BHL Sec 21 T08S R17E 2437 FSL 2442 FEL
43-013-52668	GMBU 125-7-9-16	Sec 07 T09S R16E 1979 FSL 0620 FEL BHL Sec 07 T09S R16E 1023 FSL 0714 FEL
43-013-52670	GMBU 108-18-9-16	Sec 17 T09S R16E 0565 FNL 0661 FWL BHL Sec 18 T09S R16E 0481 FNL 0020 FEL
43-013-52671	GMBU 126-8-9-17	Sec 08 T09S R17E 0621 FSL 1989 FEL BHL Sec 08 T09S R17E 1307 FSL 1958 FEL
43-013-52672	GMBU 112-8-9-16	Sec 08 T09S R16E 1002 FNL 0778 FWL BHL Sec 08 T09S R16E 1647 FNL 0714 FWL
43-013-52673	GMBU 119-4-9-16	Sec 04 T09S R16E 2011 FNL 1953 FWL BHL Sec 04 T09S R16E 2444 FSL 1934 FWL

RECEIVED: November 19, 2013

API #	WELL NAME	LOCATION
Proposed PZ GREEN RIVER)		
43-013-52674	GMBU 123-8-9-17	Sec 08 T09S R17E 1916 FSL 0716 FEL
		BHL Sec 08 T09S R17E 1906 FSL 1421 FEL
43-013-52675	GMBU 126-5-9-16	Sec 05 T09S R16E 1754 FSL 2024 FEL
		BHL Sec 05 T09S R16E 1048 FSL 2035 FEL
43-013-52676	GMBU 118-8-9-17	Sec 08 T09S R17E 1973 FNL 1960 FEL
		BHL Sec 08 T09S R17E 2560 FSL 1978 FEL
43-013-52677	GMBU 118-5-9-16	Sec 05 T09S R16E 1775 FSL 2024 FEL
		BHL Sec 05 T09S R16E 2601 FNL 1786 FEL
43-013-52678	GMBU 101-8-9-17	Sec 05 T09S R17E 0550 FSL 0697 FEL
		BHL Sec 08 T09S R17E 0338 FNL 0715 FEL
43-013-52679	GMBU 132-5-9-17	Sec 05 T09S R17E 0545 FSL 0676 FEL
		BHL Sec 04 T09S R17E 0596 FSL 0073 FWL
43-013-52680	GMBU 110-10-9-16	Sec 10 T09S R16E 0677 FNL 2005 FEL
		BHL Sec 10 T09S R16E 1439 FNL 1966 FEL
43-013-52681	GMBU 102-8-9-16	Sec 08 T09S R16E 0541 FNL 2107 FEL
		BHL Sec 05 T09S R16E 0119 FSL 1687 FEL
43-013-52686	GMBU Q-26-8-16	Sec 26 T08S R16E 0653 FSL 0685 FWL
		BHL Sec 26 T08S R16E 1320 FSL 1320 FWL
43-047-54188	GMBU D-1-9-17	Sec 36 T08S R17E 0632 FSL 1967 FWL
		BHL Sec 01 T09S R17E 0331 FNL 1182 FWL
43-047-54189	GMBU Q-31-8-18	Sec 31 T08S R18E 2198 FSL 0508 FWL
		BHL Sec 31 T08S R18E 1118 FSL 1483 FWL
43-047-54191	GMBU E-1-9-17	Sec 35 T08S R17E 0710 FSL 0663 FEL
		BHL Sec 01 T09S R17E 0267 FNL 0251 FWL
43-047-54202	GMBU C-1-9-17	Sec 36 T08S R17E 0647 FSL 1983 FWL
		BHL Sec 01 T09S R17E 0216 FNL 2504 FEL

This office has no objection to permitting the wells at this time.

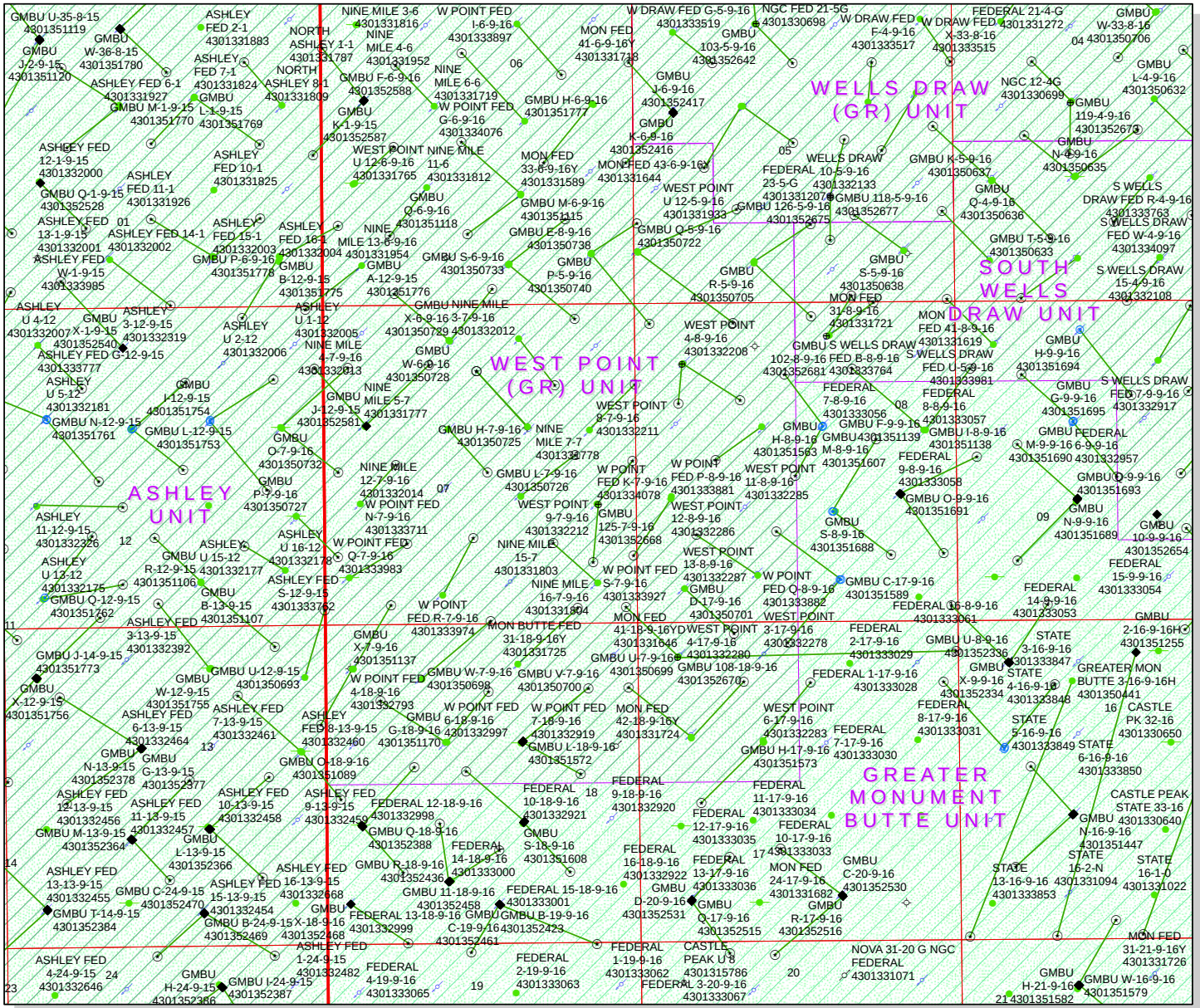
Michael Coulthard

Digitally signed by Michael Coulthard
DN: cn=Michael Coulthard, o=Bureau of Land Management, ou=Division of Minerals, email=mcoultha@blm.gov, c=US
Date: 2013.11.18 10:01:01 -07'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-18-13

API Well Number: 43013526680000



API Number: 4301352668

Well Name: GMBU 125-7-9-16

Township: T09.0S Range: R16.0E Section: 07 Meridian: S

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 11/20/2013
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

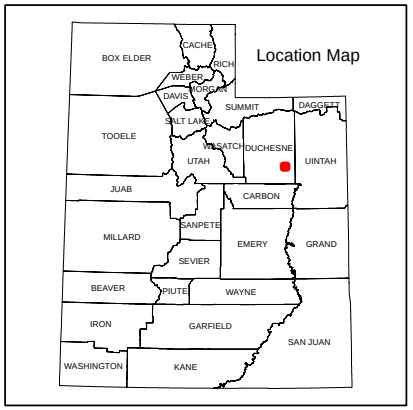
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



2,100 1,050 0 2,100 Feet

1:20,448

RECEIVED: November 20, 2013

NEWFIELD

VIA ELECTRONIC DELIVERY

December 2, 2013

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

RE: Directional Drilling
GMBU 125-7-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 7: NESE (UTU-74390)
1979' FSL 620' FEL

At Target: T9S-R16E Section 7: SESE (UTU-74390)
1023' FSL 714' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 11/14/13, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Leslie Burget

Leslie Burget
Land Associate

API Well Number: 43013526680000

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU74390

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
GREATER MONUMENT

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
GMBU 125-7-9-16

2. Name of Operator
NEWFIELD EXPLORATION
Contact: MANDIE CROZIER
E-Mail: mcrozier@newfield.com

9. API Well No.

3a. Address
ROUTE #3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-646-4825
Fx: 435-646-3031

10. Field and Pool, or Exploratory
MONUMENT BUTTE

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface NESE 1979FSL 620FEL

At proposed prod. zone SESE 1023FSL 714FEL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 7 T9S R16E Mer SLB

14. Distance in miles and direction from nearest town or post office*
14.7 MILES SW OF MYTON, UT

12. County or Parish
DUCHESNE

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
2034'

16. No. of Acres in Lease
2037.20

17. Spacing Unit dedicated to this well
10.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
417'

19. Proposed Depth
6156 MD
6069 TVD

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KB, RT, GL, etc.
5964 GL

22. Approximate date work will start
03/31/2014

23. Estimated duration
7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date
(Electronic Submission)	MANDIE CROZIER Ph: 435-646-4825	11/14/2013

Title
REGULATORY ANALYST

Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #226846 verified by the BLM Well Information System
For NEWFIELD EXPLORATION, sent to the Vernal

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

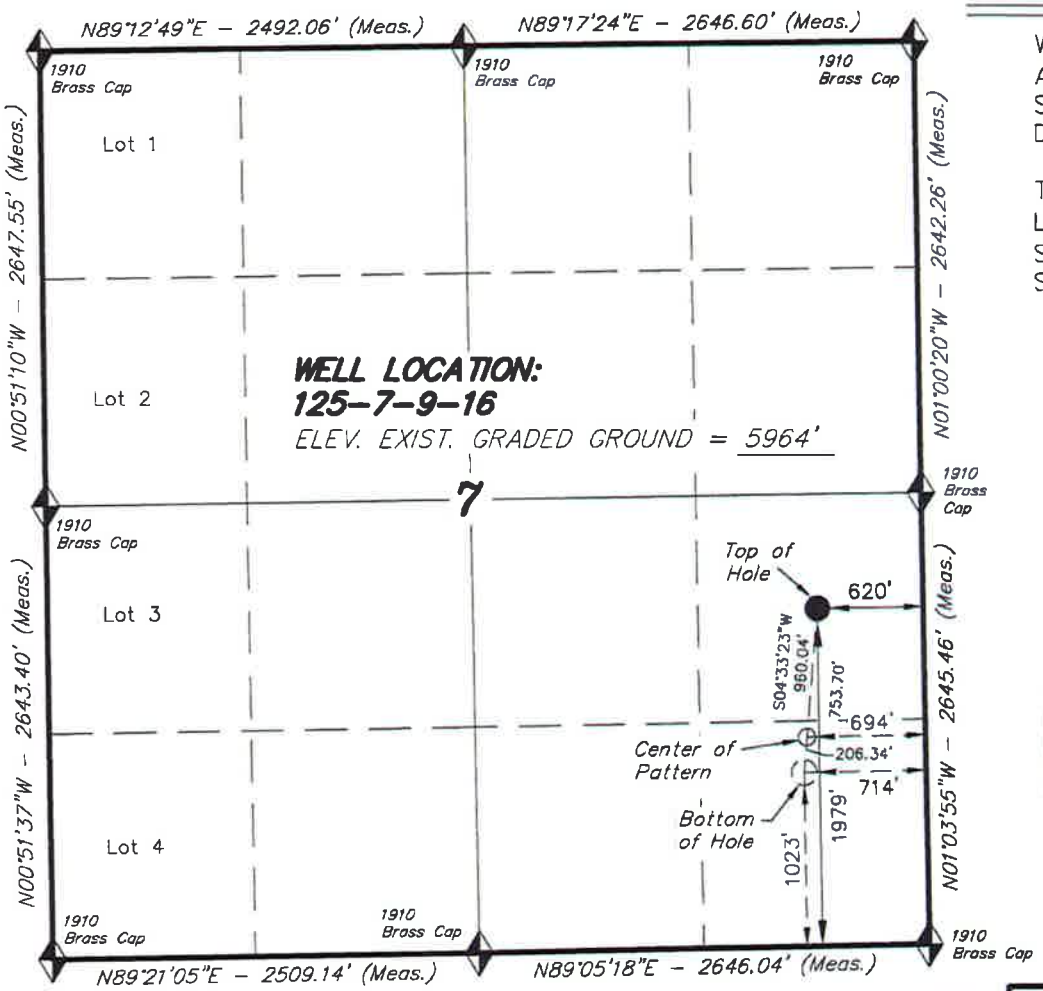
API Well Number: 43013526680000

Additional Operator Remarks:

SURFACE LEASE: UTU-74390
BOTTOM HOLE LEASE: UTU-74390

API Well Number: 43013526680000

T9S, R16E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 125-7-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 125-7-9-16, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Center of Pattern footages are 1228' FSL & 694' FEL.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH
08-30-13
STACY W. STEWART

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°02'36.95"
LONGITUDE = 110°09'17.54"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°02'37.08"
LONGITUDE = 110°09'15.00"
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°02'27.51"
LONGITUDE = 110°09'18.71"
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°02'27.64"
LONGITUDE = 110°09'16.16"

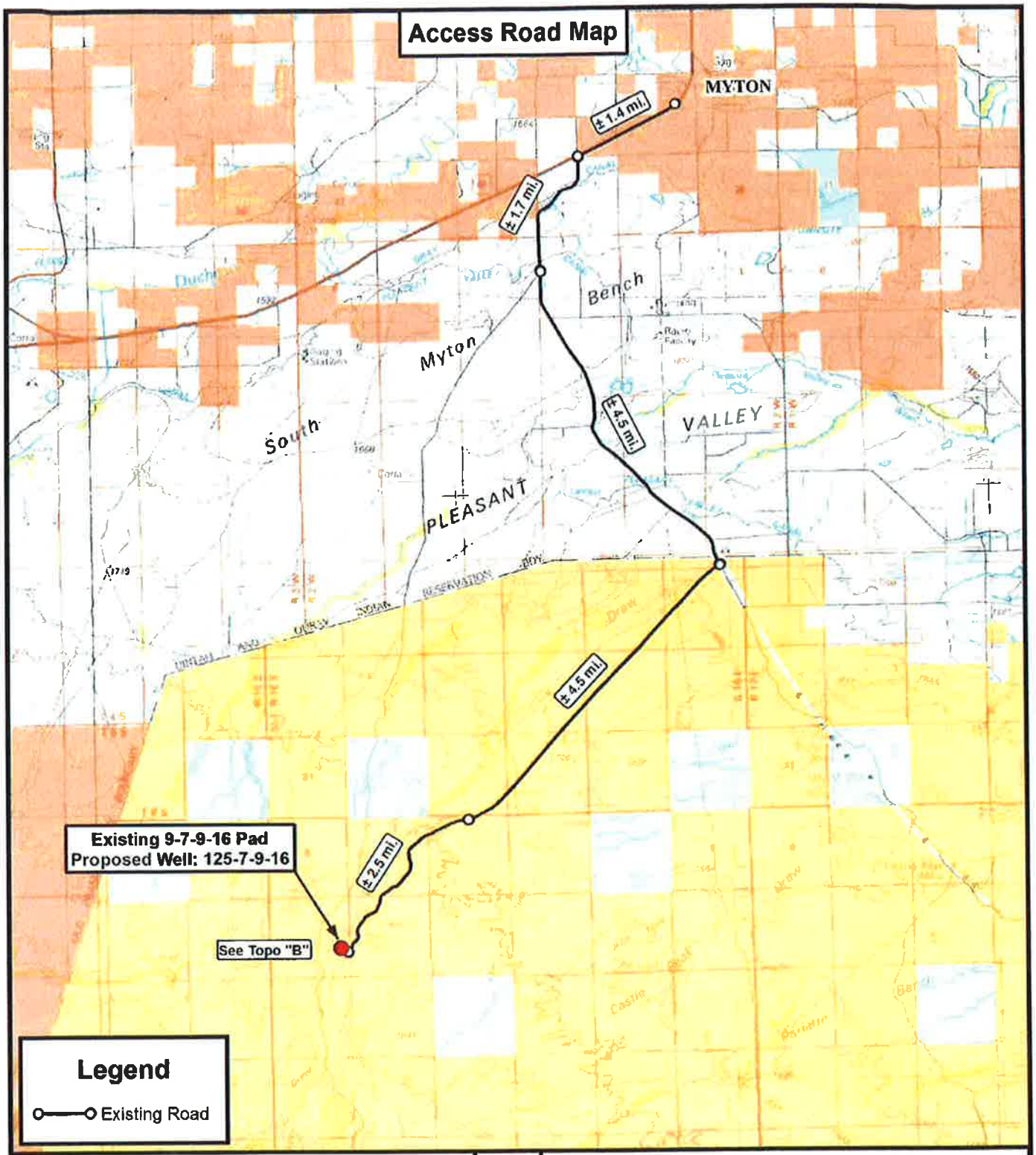
NAD 83 (CENTER OF PATTERN)
LATITUDE = 40°02'29.54"
LONGITUDE = 110°09'18.46"
NAD 27 (CENTER OF PATTERN)
LATITUDE = 40°02'29.67"
LONGITUDE = 110°09'15.91"

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 08-09-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 08-30-13	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

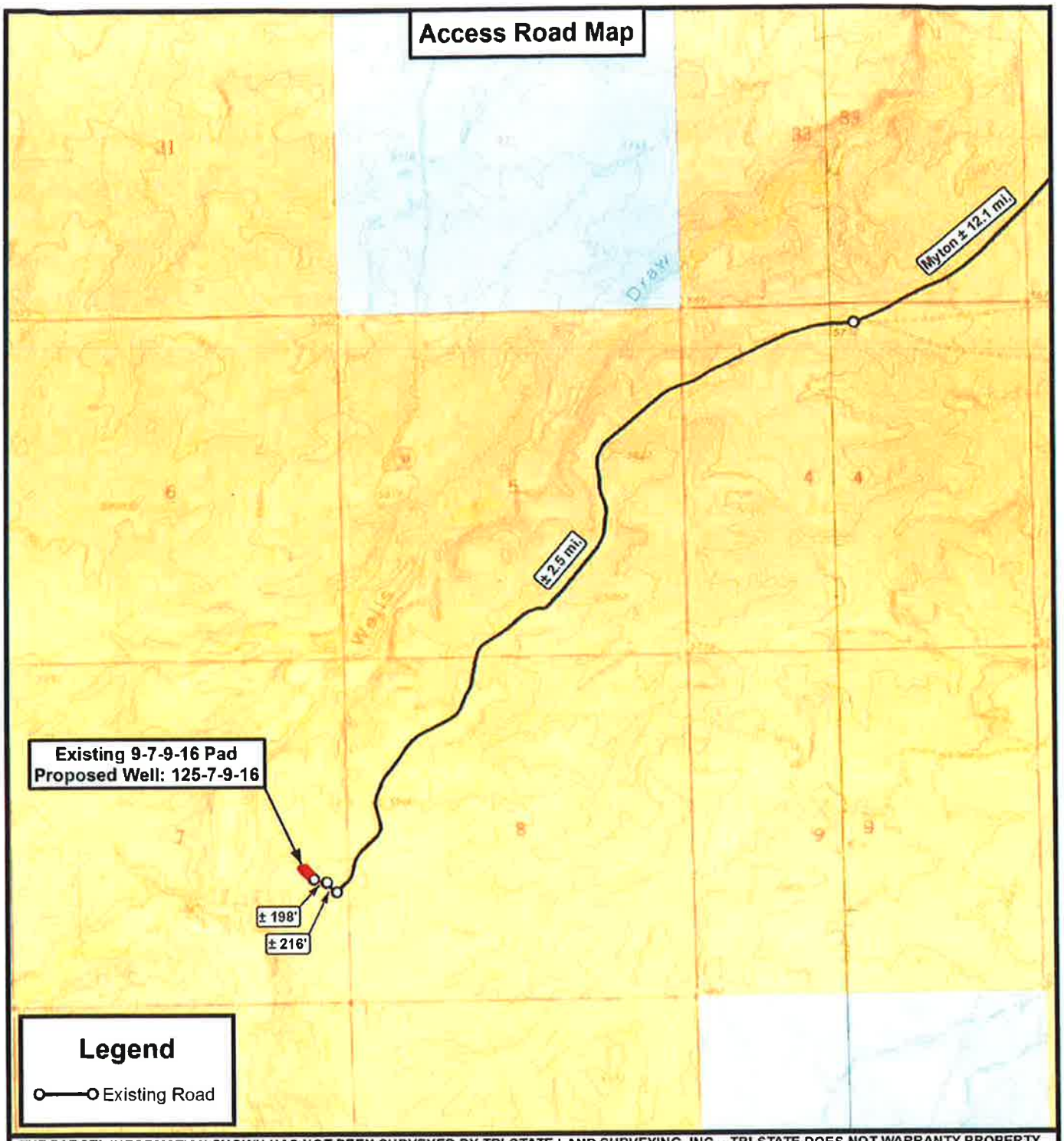
NEWFIELD EXPLORATION COMPANY
Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013526680000



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

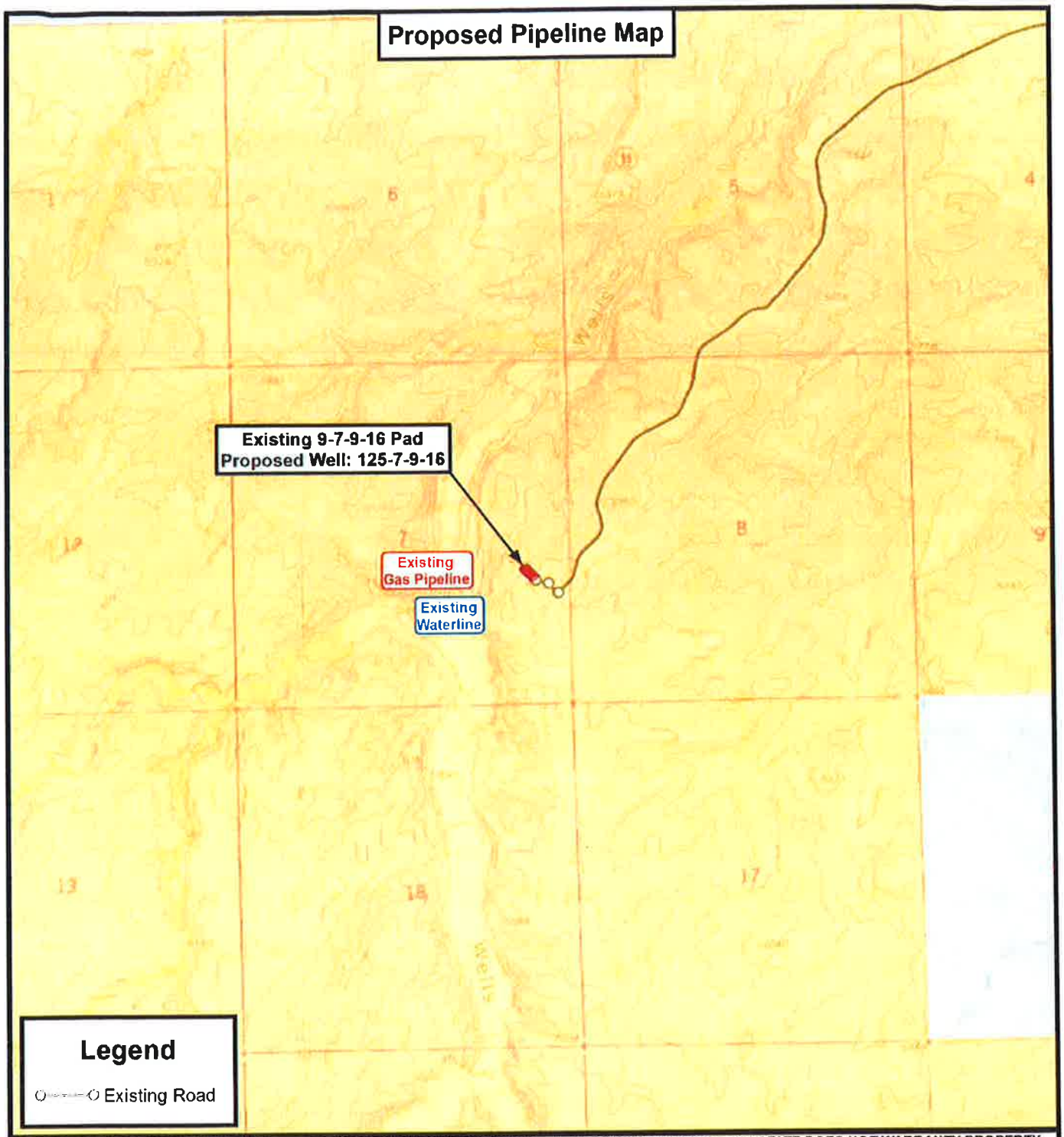
N

NEWFIELD EXPLORATION COMPANY
Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY
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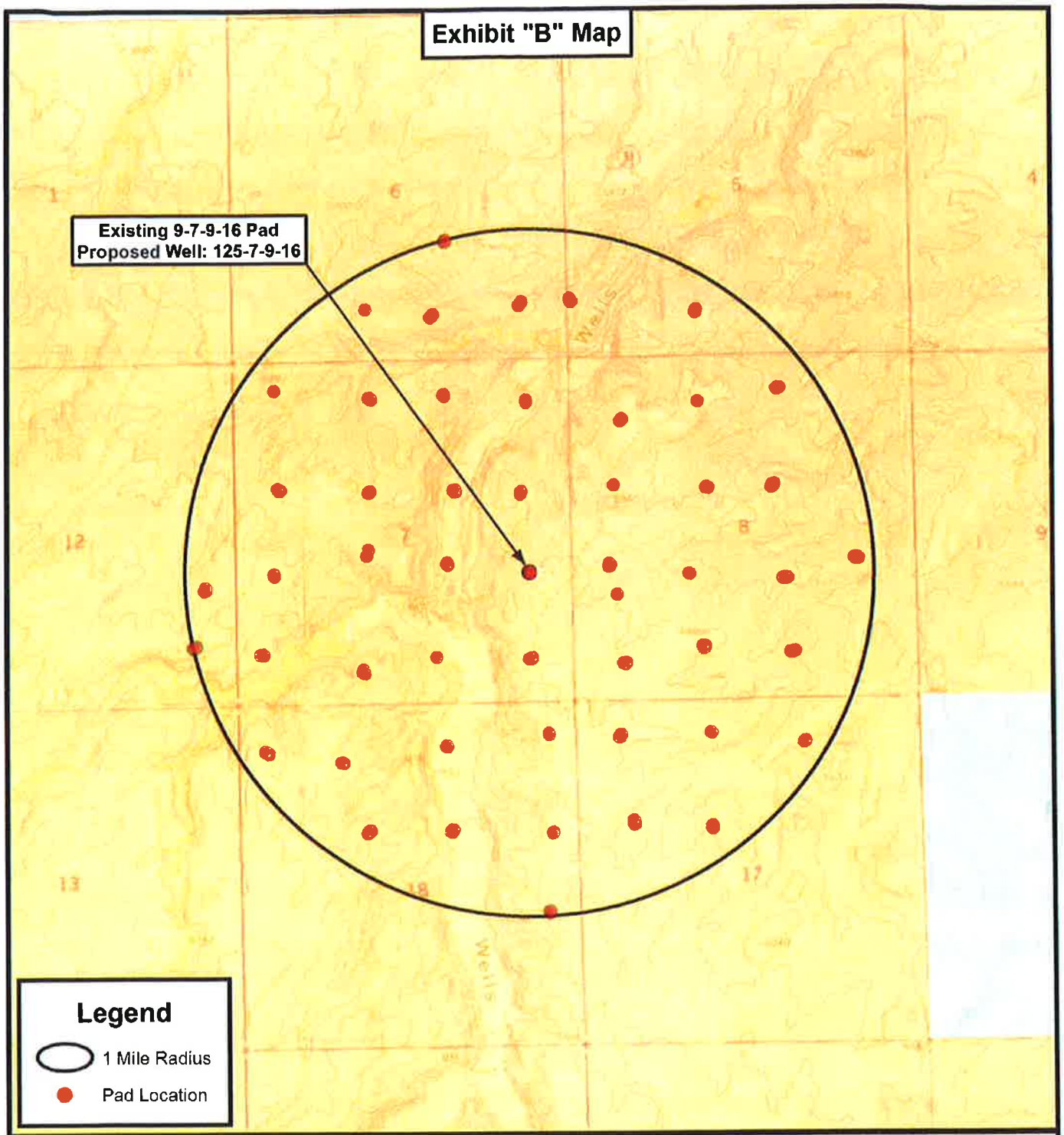
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013526680000



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N

NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-06-2013		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013526680000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
9-7-9-16	Surface Hole	40° 02' 36.99" N	110° 09' 18.10" W
K-7-9-16	Surface Hole	40° 02' 36.97" N	110° 09' 17.81" W
125-7-9-16	Surface Hole	40° 02' 36.95" N	110° 09' 17.54" W
125-7-9-16	Center of Pattern	40° 02' 29.54" N	110° 09' 18.46" W
125-7-9-16	Bottom of Hole	40° 02' 27.51" N	110° 09' 18.71" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
9-7-9-16	Surface Hole	40.043608	110.155027
K-7-9-16	Surface Hole	40.043603	110.154949
125-7-9-16	Surface Hole	40.043597	110.154873
125-7-9-16	Center of Pattern	40.041538	110.155127
125-7-9-16	Bottom of Hole	40.040974	110.155197

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
9-7-9-16	Surface Hole	4432939.326	572081.229
K-7-9-16	Surface Hole	4432938.724	572087.896
125-7-9-16	Surface Hole	4432938.142	572094.332
125-7-9-16	Center of Pattern	4432709.382	572074.823
125-7-9-16	Bottom of Hole	4432646.753	572069.482

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
9-7-9-16	Surface Hole	40° 02' 37.13" N	110° 09' 15.55" W
K-7-9-16	Surface Hole	40° 02' 37.11" N	110° 09' 15.27" W
125-7-9-16	Surface Hole	40° 02' 37.08" N	110° 09' 15.00" W
125-7-9-16	Center of Pattern	40° 02' 29.67" N	110° 09' 15.91" W
125-7-9-16	Bottom of Hole	40° 02' 27.64" N	110° 09' 16.16" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
9-7-9-16	Surface Hole	40.043646	110.154319
K-7-9-16	Surface Hole	40.043640	110.154241
125-7-9-16	Surface Hole	40.043635	110.154166
125-7-9-16	Center of Pattern	40.041575	110.154420
125-7-9-16	Bottom of Hole	40.041012	110.154489

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NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	09-06-2013		
VERSION:	V1		

COORDINATE REPORT

SHEET 1

Coordinate Report

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
9-7-9-16	Surface Hole	4432733.992	572143.436
K-7-9-16	Surface Hole	4432733.389	572150.103
125-7-9-16	Surface Hole	4432732.808	572156.539
125-7-9-16	Center of Pattern	4432504.048	572137.032
125-7-9-16	Bottom of Hole	4432441.418	572131.691

Tri State Land Surveying, Inc.
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NEWFIELD EXPLORATION COMPANY

Existing 9-7-9-16 Pad
Proposed Well: 125-7-9-16
Sec. 7, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	09-06-2013		
VERSION:	V1		

COORDINATE REPORT

SHEET 2

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/13/2013 **API NO. ASSIGNED:** 43013526680000
WELL NAME: GMBU 125-7-9-16
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NESE 07 090S 160E **Permit Tech Review:** ☑

SURFACE: 1979 FSL 0620 FEL **Engineering Review:** ☐

BOTTOM: 1023 FSL 0714 FEL **Geology Review:** ☑

COUNTY: DUCHESNE
LATITUDE: 40.04359 **LONGITUDE:** -110.15494
UTM SURF EASTINGS: 572089.00 **NORTHINGS:** 4432937.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-74390 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: December 03, 2013

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: GMBU 125-7-9-16
API Well Number: 43013526680000
Lease Number: UTU-74390
Surface Owner: FEDERAL
Approval Date: 12/3/2013

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU 125-7-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013526680000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1979 FSL 0620 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 07 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☑ SPUD REPORT — Date of Spud: 7/9/2014
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/9/14 drill and set 5' of 14" conductor. Drill f/5' to 351' KB of 12 1/4" hole. P/U and run 8 joints of 8 5/8" casing set depth 343' KB. On 7/10/14 Cement w/Halliburton w/155 sx of 15.8# 1.19 yield class G Neat cement. Returned 5 bbls back to pit and bumped plug to 1050 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 15, 2014

NAME (PLEASE PRINT) Cherei Neilson	**PHONE NUMBER** 435 646-4883
TITLE Drilling Techinacian	
SIGNATURE N/A	**DATE** 7/15/2014

RECEIVED: Jul. 15, 2014

NEWFIELD

Casing

Conductor

Legal Well Name	Wellbore Name
GMBU 125-7-9-16	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013526680000	NESE 1979 FSL 620 FEL Sec 7 T9S R16E	GMBU CTB6	Development	Slant

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500376684	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	11	16	7/9/2014	7/9/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	16	7/9/2014	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40	Welded	1	5.00	11.0	16.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Jul. 15, 2014

NEWFIELD

Casing

Surface

Legal Well Name	Wellbore Name
GMBU 125-7-9-16	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013526680000	NESE 1979 FSL 620 FEL Sec 7 T9S R16E	GMBU CTB6	Development	Slant

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500376684	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	11	16	7/9/2014	7/9/2014
Vertical	12 1/4	16	351	7/9/2014	7/9/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	343	7/9/2014	

Centralizers	Scratchers
3	

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	1.80	11.1	12.9			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	39.24	12.9	52.1			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	6	247.44	52.1	299.5			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	299.5	300.5			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	40.96	300.5	341.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	341.5	343.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Jul. 15, 2014

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU 125-7-9-15 16
Qtr/Qtr NE/SE Section 7 Township 9S Range 16E
Lease Serial Number UTU-74390
API Number 43-013-52668

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/8/14 8:00 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 7/8/14 3:00 AM ☐ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU 125-7-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013526680000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1979 FSL 0620 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 07 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 8/12/2014	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 08/12/2014 at 15:45 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 04, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 9/4/2014

RECEIVED: Sep. 04, 2014

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU74390

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: UTU87538X

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: GMBU 125-7-9-16

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. *(include area code)*: Ph:435-646-3721

9. API Well No.: 43-013-52668

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1979' FSL 620' FEL (NE/SE) SEC 7 T9S R16E (UTU-74390)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC 7 T9S R16E Mer SLB

At top prod. interval reported below: 1337' FSL 67' FEL (NE/SE) SEC 7 T9S R16E (UTU-74390)

At total depth: 1029' FSL 718' FEL (SE/SE) SEC 7 T9S R16E (UTU-74390)

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 07/09/2014

15. Date T.D. Reached: 07/24/2014

16. Date Completed: ☐ D & A ☑ Ready to Prod. 08/12/2014

17. Elevations (DF, RKB, RT, GL)*: 5964' GL 5975' KB

18. Total Depth: MD 6294' TVD 6209'

19. Plug Back T.D.: MD 6237' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	343'		155 CLASS G			
7-7/8"	5-1/2" J-55	15.50	0'	6284'		260 Econocem		84'	
						470Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@5927'	TA@5771'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4296'	5801'	4296' - 5801' MD	0.34	83	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4296' - 5801' MD	Frac w/ 355,960#s of 20/40 white sand in 3,258 bbls of Lightning 17 fluid, in 5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/12/14	8/22/14	24	→	30	0	148			2.5 x 1.75 x 24 RHAC

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	3795'
				GARDEN GULCH 1	4019'
				GARDEN GULCH 2	4129'
				POINT 3	4383'
				X MRKR	4654'
				Y MRKR	4688'
				DOUGLAS CREEK MRK	4800'
				BI CARBONATE MRK	5031'
				B LIMESTONE MRK	5133'
				CASTLE PEAK	5690'
				BASAL CARBONATE	6145'
				WASATCH	6274'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 09/05/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 7 T9, R16
125-7-9-16
Wellbore #1

Design: Actual

End of Well Report

24 July, 2014

PAYZONE DIRECTIONAL

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 7 T9, R16, SEC 7 T9S, R16E

Site Position:		**Northing:**	7,188,707.58 usft	**Latitude:**	40° 2' 50.090 N
From:	Lat/Long	**Easting:**	2,013,121.90 usft	**Longitude:**	110° 10' 6.930 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.85 °

Well 125-7-9-16, SHL: 40°02'36.95" -110°09'17.54"

Well Position	**+N/-S**	0.0 usft	**Northing:**	7,187,435.65 usft	**Latitude:**	40° 2' 36.950 N
	+E/-W	0.0 usft	**Easting:**	2,016,982.13 usft	**Longitude:**	110° 9' 17.540 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	5,975.0 usft	**Ground Level:**	5,964.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/5/2014	10.96	65.70	51,952

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	185.89

Survey Program **Date** 7/24/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
380.0	6,294.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
380.0	1.93	304.34	379.9	-3.0	3.6	-5.3	0.51	0.51	0.00
410.0	1.36	293.26	409.9	-3.4	4.0	-6.0	2.17	-1.90	-36.93
441.0	1.49	292.65	440.9	-3.6	4.3	-6.7	0.42	0.42	-1.97
472.0	1.32	275.03	471.9	-3.7	4.5	-7.5	1.49	-0.55	-56.84
503.0	1.10	241.23	502.9	-3.6	4.4	-8.1	2.37	-0.71	-109.03
533.0	1.23	246.02	532.9	-3.2	4.1	-8.6	0.54	0.43	15.97
564.0	1.45	223.48	563.9	-2.8	3.7	-9.2	1.83	0.71	-72.71
595.0	1.80	207.22	594.9	-2.0	3.0	-9.7	1.86	1.13	-52.45
626.0	2.15	198.17	625.8	-1.0	2.0	-10.1	1.51	1.13	-29.19
656.0	2.33	200.36	655.8	0.2	0.9	-10.5	0.66	0.60	7.30
687.0	3.16	192.85	686.8	1.6	-0.5	-10.9	2.91	2.68	-24.23
718.0	3.47	184.72	717.7	3.4	-2.3	-11.2	1.81	1.00	-26.23
749.0	4.09	180.85	748.7	5.5	-4.3	-11.3	2.16	2.00	-12.48
779.0	4.88	186.39	778.6	7.8	-6.7	-11.4	3.00	2.63	18.47
810.0	5.32	183.72	809.5	10.5	-9.4	-11.7	1.61	1.42	-8.61
841.0	6.06	182.96	840.3	13.6	-12.5	-11.8	2.40	2.39	-2.45
872.0	6.52	182.96	871.1	17.0	-15.9	-12.0	1.48	1.48	0.00
903.0	7.08	186.43	901.9	20.7	-19.5	-12.3	2.24	1.81	11.19
933.0	7.91	185.03	931.6	24.6	-23.4	-12.7	2.83	2.77	-4.67
964.0	8.35	187.09	962.3	29.0	-27.8	-13.2	1.70	1.42	6.65
995.0	9.31	184.26	993.0	33.7	-32.5	-13.6	3.40	3.10	-9.13
1,026.0	9.62	182.35	1,023.5	38.8	-37.6	-13.9	1.42	1.00	-6.16
1,069.0	10.37	181.38	1,065.9	46.3	-45.1	-14.2	1.79	1.74	-2.26
1,113.0	11.16	180.15	1,109.1	54.5	-53.3	-14.3	1.87	1.80	-2.80
1,157.0	11.25	179.80	1,152.3	63.0	-61.8	-14.3	0.26	0.20	-0.80
1,201.0	11.56	180.81	1,195.4	71.6	-70.5	-14.3	0.84	0.70	2.30

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,245.0	12.04	180.19	1,238.5	80.6	-79.5	-14.4	1.13	1.09	-1.41
1,288.0	11.82	178.57	1,280.5	89.4	-88.4	-14.3	0.93	-0.51	-3.77
1,332.0	11.82	177.51	1,323.6	98.3	-97.4	-14.0	0.49	0.00	-2.41
1,376.0	11.90	179.89	1,366.7	107.3	-106.5	-13.8	1.13	0.18	5.41
1,420.0	11.78	178.83	1,409.7	116.3	-115.5	-13.7	0.56	-0.27	-2.41
1,464.0	11.87	177.91	1,452.8	125.2	-124.5	-13.4	0.47	0.20	-2.09
1,508.0	12.22	179.01	1,495.8	134.3	-133.7	-13.2	0.95	0.80	2.50
1,551.0	12.08	181.82	1,537.9	143.3	-142.7	-13.2	1.41	-0.33	6.53
1,595.0	11.78	183.75	1,580.9	152.4	-151.8	-13.7	1.13	-0.68	4.39
1,639.0	12.13	183.93	1,624.0	161.5	-160.9	-14.3	0.80	0.80	0.41
1,683.0	11.65	187.22	1,667.0	170.6	-169.9	-15.2	1.89	-1.09	7.48
1,727.0	11.45	183.78	1,710.1	179.4	-178.7	-16.0	1.63	-0.45	-7.82
1,770.0	10.94	185.73	1,752.3	187.7	-187.0	-16.7	1.48	-1.19	4.53
1,814.0	10.68	187.80	1,795.5	196.0	-195.2	-17.7	1.06	-0.59	4.70
1,858.0	10.33	185.20	1,838.8	204.0	-203.2	-18.6	1.34	-0.80	-5.91
1,902.0	10.19	186.55	1,882.1	211.8	-211.0	-19.4	0.63	-0.32	3.07
1,946.0	10.09	189.17	1,925.4	219.6	-218.6	-20.4	1.07	-0.23	5.95
1,989.0	9.71	186.39	1,967.8	227.0	-225.9	-21.5	1.42	-0.88	-6.47
2,033.0	9.62	186.35	2,011.1	234.3	-233.3	-22.3	0.21	-0.20	-0.09
2,077.0	9.89	184.85	2,054.5	241.8	-240.7	-23.0	0.84	0.61	-3.41
2,121.0	9.54	185.82	2,097.9	249.2	-248.1	-23.7	0.88	-0.80	2.20
2,165.0	9.40	188.59	2,141.3	256.5	-255.3	-24.6	1.08	-0.32	6.30
2,208.0	8.97	185.48	2,183.7	263.3	-262.1	-25.4	1.53	-1.00	-7.23
2,252.0	9.18	187.75	2,227.2	270.3	-269.0	-26.2	0.94	0.48	5.16
2,296.0	9.49	192.72	2,270.6	277.4	-276.0	-27.5	1.96	0.70	11.30
2,340.0	10.33	190.99	2,313.9	284.9	-283.4	-29.1	2.03	1.91	-3.93
2,384.0	10.63	192.89	2,357.2	292.9	-291.2	-30.7	1.04	0.68	4.32

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,428.0	10.37	191.75	2,400.5	300.8	-299.1	-32.4	0.76	-0.59	-2.59
2,471.0	9.85	189.88	2,442.8	308.3	-306.5	-33.8	1.43	-1.21	-4.35
2,515.0	10.28	188.76	2,486.1	316.0	-314.1	-35.1	1.07	0.98	-2.55
2,559.0	10.55	189.11	2,529.4	324.0	-321.9	-36.3	0.63	0.61	0.80
2,603.0	10.63	187.66	2,572.6	332.0	-329.9	-37.5	0.63	0.18	-3.30
2,647.0	10.37	188.15	2,615.9	340.1	-337.9	-38.6	0.62	-0.59	1.11
2,690.0	10.37	184.41	2,658.2	347.8	-345.6	-39.5	1.57	0.00	-8.70
2,734.0	10.55	184.63	2,701.5	355.8	-353.5	-40.1	0.42	0.41	0.50
2,778.0	10.90	183.05	2,744.7	364.0	-361.7	-40.6	1.04	0.80	-3.59
2,822.0	11.12	181.20	2,787.9	372.3	-370.1	-40.9	0.95	0.50	-4.20
2,865.0	10.94	180.46	2,830.1	380.5	-378.3	-41.1	0.53	-0.42	-1.72
2,909.0	11.60	180.94	2,873.3	389.1	-386.9	-41.2	1.52	1.50	1.09
2,953.0	11.39	182.35	2,916.4	397.8	-395.7	-41.4	0.80	-0.48	3.20
2,997.0	11.25	183.62	2,959.5	406.5	-404.3	-41.9	0.65	-0.32	2.89
3,041.0	11.21	185.99	3,002.7	415.0	-412.8	-42.6	1.05	-0.09	5.39
3,128.0	11.21	181.34	3,088.0	431.9	-429.7	-43.7	1.04	0.00	-5.34
3,172.0	11.38	181.56	3,131.2	440.5	-438.3	-43.9	0.40	0.39	0.50
3,216.0	10.32	179.35	3,174.4	448.8	-446.6	-44.0	2.59	-2.41	-5.02
3,260.0	10.11	181.12	3,217.7	456.5	-454.4	-44.0	0.86	-0.48	4.02
3,304.0	10.68	178.92	3,261.0	464.4	-462.3	-44.0	1.58	1.30	-5.00
3,348.0	11.03	180.54	3,304.2	472.7	-470.6	-43.9	1.06	0.80	3.68
3,391.0	10.94	181.86	3,346.4	480.8	-478.8	-44.1	0.62	-0.21	3.07
3,435.0	10.99	181.16	3,389.6	489.2	-487.2	-44.3	0.32	0.11	-1.59
3,479.0	10.72	179.27	3,432.8	497.4	-495.5	-44.4	1.02	-0.61	-4.30
3,523.0	10.33	180.33	3,476.0	505.4	-503.5	-44.3	0.99	-0.89	2.41
3,566.0	10.68	180.02	3,518.3	513.2	-511.3	-44.4	0.82	0.81	-0.72
3,610.0	10.20	181.95	3,561.6	521.1	-519.3	-44.5	1.35	-1.09	4.39

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
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Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,654.0	10.02	181.16	3,604.9	528.8	-527.0	-44.7	0.52	-0.41	-1.80
3,698.0	9.89	180.68	3,648.3	536.4	-534.6	-44.8	0.35	-0.30	-1.09
3,742.0	9.93	182.96	3,691.6	544.0	-542.2	-45.1	0.90	0.09	5.18
3,785.0	9.36	179.25	3,734.0	551.1	-549.4	-45.2	1.96	-1.33	-8.63
3,829.0	9.27	182.08	3,777.4	558.2	-556.5	-45.3	1.06	-0.20	6.43
3,873.0	9.40	184.98	3,820.8	565.4	-563.6	-45.7	1.11	0.30	6.59
3,917.0	9.80	186.61	3,864.2	572.7	-570.9	-46.5	1.10	0.91	3.70
3,961.0	9.80	188.50	3,907.6	580.2	-578.4	-47.5	0.73	0.00	4.30
4,004.0	9.84	185.86	3,949.9	587.5	-585.6	-48.4	1.05	0.09	-6.14
4,048.0	10.28	186.52	3,993.3	595.2	-593.3	-49.2	1.03	1.00	1.50
4,092.0	10.81	187.80	4,036.5	603.3	-601.3	-50.2	1.32	1.20	2.91
4,136.0	11.26	190.48	4,079.7	611.7	-609.6	-51.6	1.55	1.02	6.09
4,180.0	11.03	190.17	4,122.9	620.1	-618.0	-53.1	0.54	-0.52	-0.70
4,223.0	10.82	189.83	4,165.1	628.3	-626.0	-54.5	0.51	-0.49	-0.79
4,267.0	10.55	188.67	4,208.3	636.4	-634.0	-55.8	0.78	-0.61	-2.64
4,311.0	10.24	189.42	4,251.6	644.3	-641.9	-57.1	0.77	-0.70	1.70
4,355.0	10.68	189.47	4,294.9	652.3	-649.8	-58.4	1.00	1.00	0.11
4,399.0	10.33	188.32	4,338.1	660.3	-657.7	-59.6	0.93	-0.80	-2.61
4,442.0	10.26	186.54	4,380.5	668.0	-665.3	-60.6	0.76	-0.16	-4.14
4,486.0	9.64	185.54	4,423.8	675.6	-672.9	-61.4	1.46	-1.41	-2.27
4,530.0	9.36	188.15	4,467.2	682.9	-680.1	-62.3	1.17	-0.64	5.93
4,574.0	9.98	191.05	4,510.6	690.2	-687.3	-63.5	1.79	1.41	6.59
4,618.0	10.02	188.46	4,553.9	697.9	-694.9	-64.8	1.03	0.09	-5.89
4,661.0	10.28	186.87	4,596.2	705.4	-702.4	-65.8	0.89	0.60	-3.70
4,705.0	10.42	185.64	4,639.5	713.3	-710.2	-66.7	0.59	0.32	-2.80
4,749.0	10.81	185.91	4,682.8	721.4	-718.3	-67.5	0.89	0.89	0.61
4,793.0	10.46	183.14	4,726.0	729.6	-726.4	-68.1	1.41	-0.80	-6.30

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,837.0	10.42	183.58	4,769.3	737.5	-734.4	-68.6	0.20	-0.09	1.00
4,880.0	10.28	186.83	4,811.6	745.2	-742.1	-69.3	1.40	-0.33	7.56
4,924.0	9.67	190.08	4,854.9	752.9	-749.6	-70.4	1.89	-1.39	7.39
4,968.0	9.84	189.20	4,898.3	760.3	-756.9	-71.7	0.51	0.39	-2.00
5,012.0	10.33	189.38	4,941.6	768.0	-764.5	-72.9	1.12	1.11	0.41
5,055.0	9.80	191.36	4,983.9	775.5	-771.9	-74.3	1.47	-1.23	4.60
5,099.0	9.49	188.02	5,027.3	782.8	-779.2	-75.5	1.45	-0.70	-7.59
5,143.0	8.82	186.61	5,070.7	789.8	-786.1	-76.4	1.61	-1.52	-3.20
5,187.0	8.96	190.04	5,114.2	796.6	-792.9	-77.4	1.25	0.32	7.80
5,231.0	9.23	189.82	5,157.7	803.6	-799.7	-78.6	0.62	0.61	-0.50
5,275.0	9.10	185.69	5,201.1	810.6	-806.7	-79.5	1.52	-0.30	-9.39
5,318.0	9.58	184.15	5,243.5	817.5	-813.6	-80.1	1.26	1.12	-3.58
5,362.0	10.28	182.04	5,286.9	825.1	-821.2	-80.5	1.79	1.59	-4.80
5,406.0	10.28	183.31	5,330.2	832.9	-829.0	-80.9	0.52	0.00	2.89
5,450.0	9.84	185.99	5,373.5	840.6	-836.7	-81.5	1.46	-1.00	6.09
5,493.0	9.76	190.26	5,415.9	847.9	-843.9	-82.5	1.70	-0.19	9.93
5,537.0	9.71	190.04	5,459.2	855.4	-851.2	-83.9	0.14	-0.11	-0.50
5,581.0	9.36	188.19	5,502.6	862.6	-858.4	-85.0	1.06	-0.80	-4.20
5,625.0	9.01	187.71	5,546.1	869.7	-865.4	-86.0	0.81	-0.80	-1.09
5,669.0	8.92	190.30	5,589.5	876.5	-872.2	-87.1	0.94	-0.20	5.89
5,712.0	8.61	189.29	5,632.0	883.0	-878.6	-88.2	0.80	-0.72	-2.35
5,756.0	9.01	188.10	5,675.5	889.8	-885.3	-89.2	1.00	0.91	-2.70
5,800.0	9.71	187.44	5,718.9	896.9	-892.4	-90.2	1.61	1.59	-1.50
5,844.0	8.48	187.75	5,762.4	903.9	-899.3	-91.1	2.80	-2.80	0.70
5,888.0	8.09	188.41	5,805.9	910.2	-905.5	-92.0	0.91	-0.89	1.50
5,931.0	7.51	188.85	5,848.5	916.0	-911.3	-92.8	1.36	-1.35	1.02
5,975.0	6.99	185.16	5,892.1	921.6	-916.8	-93.5	1.59	-1.18	-8.39

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 125-7-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Site:	SECTION 7 T9, R16	**MD Reference:**	125-7-9-16 @ 5975.0usft (SS #2)
Well:	125-7-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,019.0	6.77	189.42	5,935.8	926.8	-922.1	-94.2	1.26	-0.50	9.68
6,063.0	6.77	185.29	5,979.5	932.0	-927.2	-94.9	1.11	0.00	-9.39
6,107.0	6.59	186.43	6,023.2	937.1	-932.3	-95.4	0.51	-0.41	2.59
6,150.0	5.71	190.21	6,066.0	941.7	-936.8	-96.0	2.25	-2.05	8.79
6,194.0	5.45	189.42	6,109.8	946.0	-941.1	-96.8	0.62	-0.59	-1.80
6,242.0	4.79	188.28	6,157.6	950.3	-945.3	-97.4	1.39	-1.37	-2.37
6,294.0	4.79	188.28	6,209.4	954.6	-949.6	-98.0	0.00	0.00	0.00

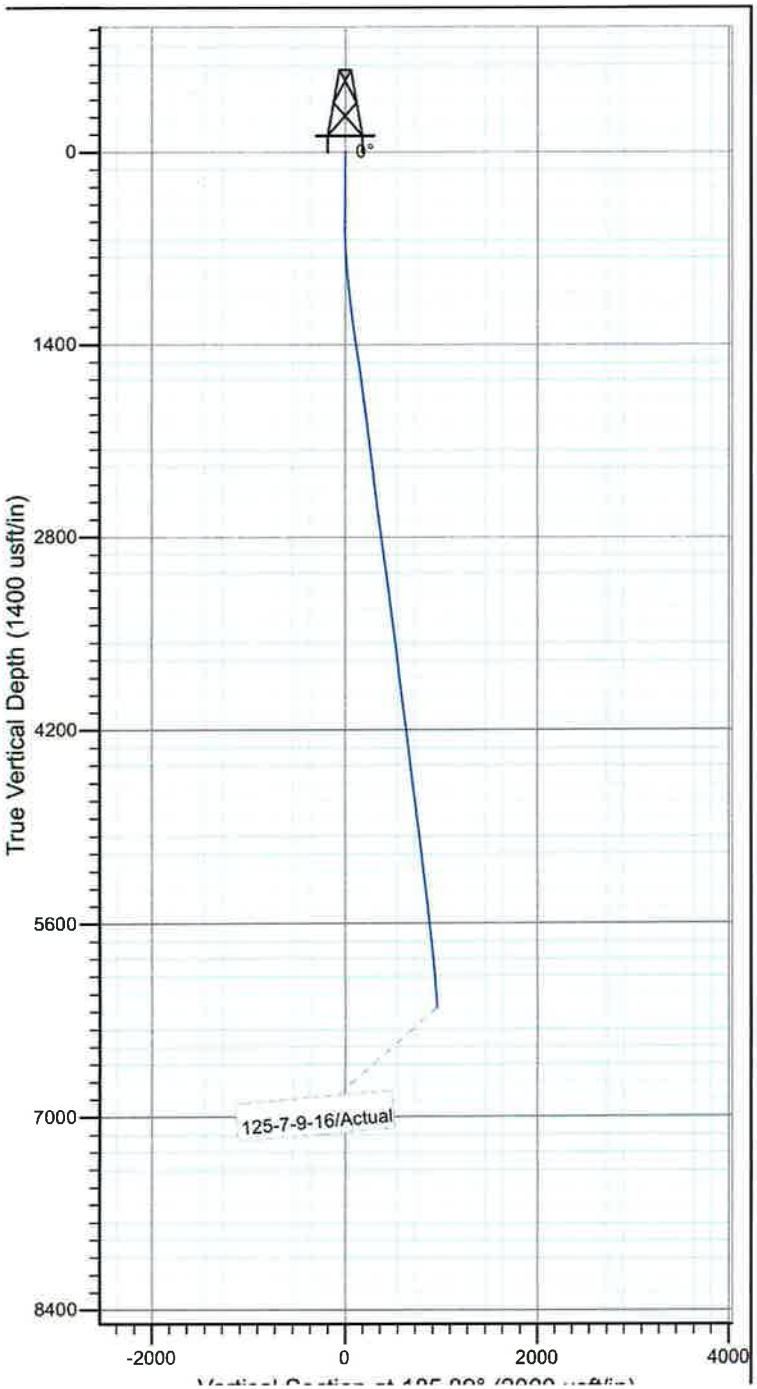
Checked By: _____ Approved By: _____ Date: _____

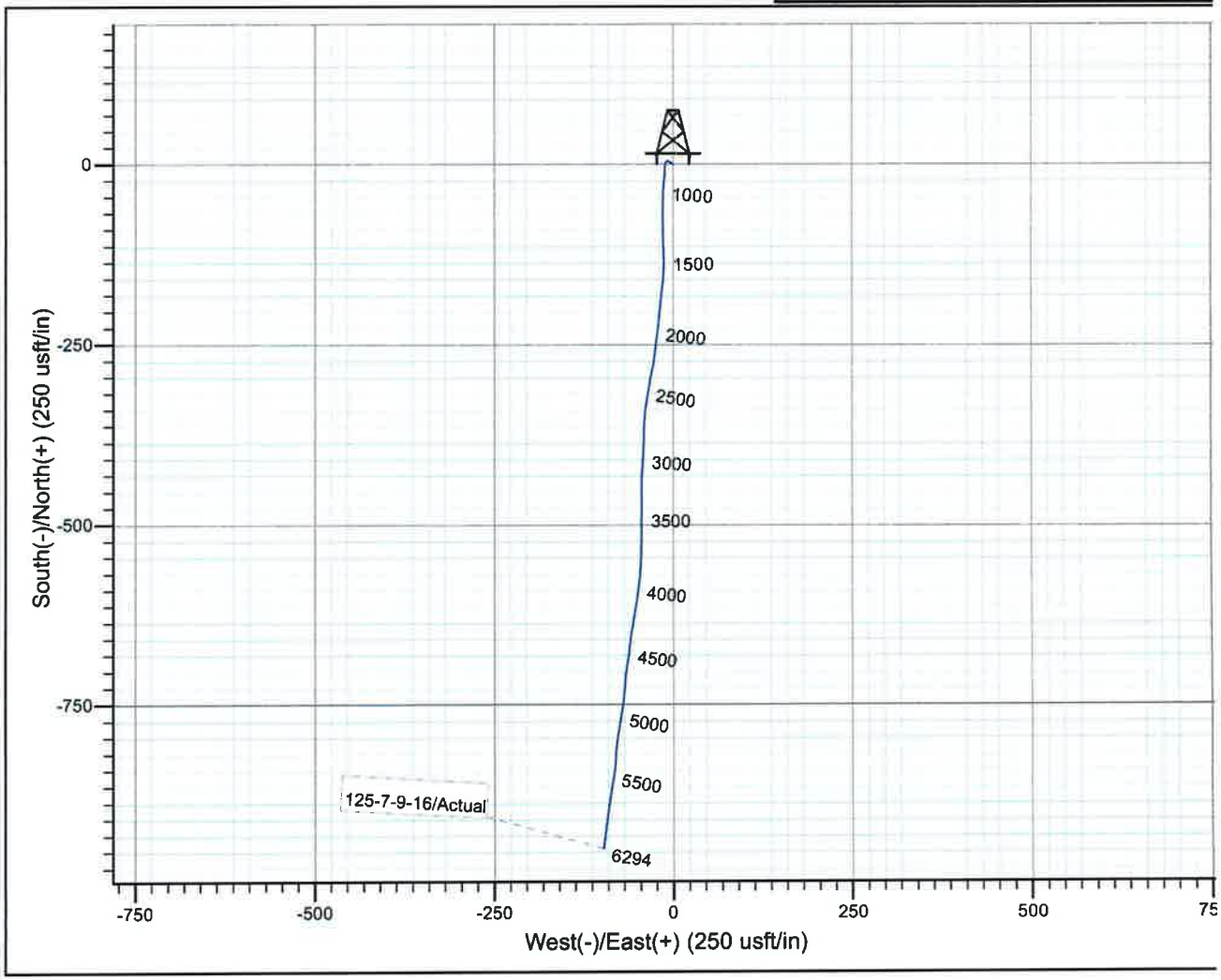
NEWFIELD

Project: USGS Myton SW (UT)
Site: SECTION 7 T9, R16
Well: 125-7-9-16
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 10.96°

Magnetic Field
Strength: 51951.6snT
Dip Angle: 65.70°
Date: 7/5/2014
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (125-7-9-16/Wellbore #1)

Created By: Matthew Linton Date: 21:30, July 24 20

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

Sundry Number: 55234 API Well Number: 43013526680000

NEWFIELD

Summary Rig Activity

Well Name: GMBU 125-7-9-16

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
8/6/2014	8/7/2014	RU BOP's. CBL well. Test BOP's. Perforate 1st stage.

Start Time	End Time	Comment
00:00	06:00	Well was shut in.
06:00	07:00	RU Knight single blinds, FMC 5K frac valve.
07:00	09:30	Held safety meeting & dicussed sharing location & JSA's. RU Perforators. WLT, crane & pack-off. RIH w/ CBL tool. Log well w/ 0 psi on casing. TD was 6215' w/ Cmt top @ 84'.
09:30	12:30	RU B&C Quick testers. Test unit to 4500 psi for 5 min. Test void on BOP's to 3000 psi for 5 min. Test casing, frac valve & 2-1/16" & Lo-Torc valve to 250 low for 5 min. 4300 psi high for for 30 min. Test BOP's to 4300 psi for 10 min. Test flow back equipment.
12:30	13:30	RU WLT, crane & pack-off. RiH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 120°,21" pen) 3 spf. Perferate CP2 & CP1 sds w/ ttl of 21 shots. RD WLT. SIFN w/ 148 bbls EWTR.
13:30	00:00	Shut well in for night.

Report Start Date	Report End Date	24hr Activity Summary
8/7/2014	8/8/2014	RU Nabors frac crew. Frac well. Flow well back. MIRUSU.

Start Time	End Time	Comment
00:00	05:00	Well was shut in for night.
05:00	07:00	Held safety meeting. MIRU Nabors frac crew.
07:00	08:00	Stage #1; CP2 & CP1 sds. Test lines to 5056 psi. Open well w/ 236 psi on casing. Broke @ 3298 psi back to 2089 psi. Spear head 12 bbls of 15% HCL (rec'd 1000 psi drop when hit perfs). Treated @ ave pressure of 2945 @ ave rate of 27 bpm, max psi was 3679 w/ max rate of 43 bpm w/ 493 bbls of 17# Borate Xlink frac fluid in 1% KCL wtr. Treated w/ 45,921#'s of 20/40 white sand @ 6 ppa. ISIP was 1743 w/ .74FG. 5 min was 1397, 10 min was 1209, 15 min was 1044 psi. Leave pressure on well.
08:00	09:00	RU Perforators LLC. WLT & lubricator. Test WL BOP's. Test lubricator to 4000 psi. RIH w/ WCS 6K CFTP & set @ 5520'. Perferate LODC sds w/ 2 spf, 180°, 16 gram, .34"EH, 21" pen w/ ttl of 14 shots.
09:00	10:00	Stage #2; LODC sds. Open well w/ 127 psi on casing. Broke @ 2295 psi back to 1972 psi. Treated @ ave pressure of 3050 @ ave rate of 39 bpm, max psi was 3518 w/ max rate of 47 bpm w/ 1461 bbls of 17# Borate Xlink frac fluid in 1% KCL wtr. Treated w/ 179,545#'s of 20/40 white & 20,700#'s of SLC 20/40 sand @ 8 ppa. ISIP was 2514 w/ .90FG. 5 min was 2176, 10 min was 1974, 15 min was 1898 psi. Leave pressure on well.
10:00	10:30	RU WLT. RIH w/ WCS 6K CFTP & set @ 5308'. Perferate A1sds w/ 3 spf, 120°, 16 gram, .34"EH, 21" pen w/ ttl of 12 shots.
10:30	11:00	Stage #3; A1 sds. Open well w/ 1701 psi on casing. Broke @ 2265 psi back to 1236 psi. Treated @ ave pressure of 3295 @ ave rate of 24 bpm, max psi was 3899 w/ max rate of 28 bpm w/ 436 bbls of 17# Borate Xlink frac fluid in 1% KCL wtr. Treated w/ 39,947#'s of 20/40 white sand @ 6ppa. ISIP was 2225 w/ .86FG. 5 min was 1934, 10 min was 1853, 15 min was 1794 psi. Leave pressure on well.
11:00	11:30	RU WLT. RIH w/ WCS 6K CFTP & set @ 4910'. Perferate D1 & DS sds w/ 3 spf, 120°, 16 gram, .34"EH, 21" pen w/ ttl of 18 shots.

NEWFIELD

Summary Rig Activity

Well Name: GMBU 125-7-9-16

Start Time	End Time	Comment
11:30	12:00	Stage #4; D1 & DS sds. Open well w/ 1694 psi on casing. Broke @ 2653 psi back to 2375 psi. Treated @ ave pressure of 3051 @ ave rate of 32 bpm, max psi was 3576 w/ max rate of 39 bpm w/ 464 bbls of 17# Borate Xlink frac fluid in 1% KCL wtr. Treated w/ 45,440#'s of 20/40 white sand @ 6ppa. ISIP was 1909 w/ .83FG. 5 min was 1772, 10 min was 1699, 15 min was 1655 psi. Leave pressure on well.
12:00	12:30	RU WLT. RIH w/ WCS 6K CFTP & set @ 4400'. Perferate GB4 sds w/ 3 spf, 120°, 16 gram, .34"EH, 21" pen w/ ttl of 15 shots.
12:30	13:00	Stage #5; GB4 sds. Open well w/ 1540 psi on casing. Broke @ 1958 psi back to 1950 psi. Treated @ ave pressure of 2935 @ ave rate of 29 bpm, max psi was 3481 w/ max rate of 30.7 bpm w/ 402 bbls of 17# Borate Xlink frac fluid in 1% KCL wtr. Treated w/ 24,407#'s of 20/40 white sand @ 5ppa. ISIP was 1764 w/ .85FG. 5 min was 1641, 10 min was 1597, 15 min was 1567 psi. Leave pressure on well.
13:00	19:00	RD Nabors. Flow well back @ 1bpm w/ 3404 bbls EWTR. Well flowed for 8.5 hours. Shut well in w/ 2484 bbls EWTR.
19:00	00:00	Shut well in for night.

Report Start Date	Report End Date	24hr Activity Summary
8/8/2014	8/9/2014	MIRUSU. Set kill plug. RU drlg BOP's. Test BOP's. PU RIH w/ tbg.

Start Time	End Time	Comment
00:00	07:00	Well was shut in for night.
07:00	08:30	Held safety meeting. MIRUSU. Nabors #1431.
08:30	10:00	RU Perforators WLT. Open well w/ 450 psi on casing. RIH & set solid composite plug @ 4250'. Do 30 min neg test on plug. RD WLT.
10:00	11:30	RD FMC frac valve. RU double set pipe rams w/ double side port valves.
11:30	13:00	RU B&C Quick test & test BOP's & side port valves, 3000 psi chambers, 300 psi low for 5 min on Valves & BOP's and 5000 psi for 10 min high. RD Tester.
13:00	14:30	Set pipe racks & unload tbg. Tally & drift tbg, J-55, 2-7/8", 6.5#, 8EUE new CTAP.
14:30	18:00	RU 4-3/4" Chomp Concave (new) mill, X/O sub, 1 jt tbg, PSN, PU TIH w/ 130 jts tbg. RU pump & tanks.
18:00	00:00	Shut well in for weekend.

Report Start Date	Report End Date	24hr Activity Summary
8/11/2014	8/12/2014	Drlg plugs. C/O to PBTD. TIH w/ production.

Start Time	End Time	Comment
00:00	07:00	Well was shut in for weekend.
07:00	07:30	Held safety meeting. Open well w/ 0 psi on casing.
07:30	13:00	RU Graco Power swivel, pump & tanks. TIH to tag plug @ 4250'. Drlg out Kill plug @ 3 bpm @ 100 rpm w/ 8K WOB. Drlg threw plug in 15 min. Had 450 psi under plug. TIH w/ tbg to tag 1st plug @ 4400' drlg out plug in 25 min. TIH w/ tbg to tag 2 nd plug @ 4910'. Drlg out plug in 25 min. TIH to tag plug @ 5308'. TIH w/ tbg to tag Fill @ 5440'. C/O to 3rd plug @ 5520'. Drlg out plug in 40 min. TIH w/ tbg to tag 4th plug @ 5520'. Drlg out plug in 40 min. Had slight vacuum under plug. TIH w/ tbg to tag sand @ 6207'. C/O to PBTD @ 6237'.

NEWFIELD

Summary Rig Activity

Well Name: GMBU 125-7-9-16

Start Time	End Time	Comment
13:00	15:30	RD swivel. Circulate well clean.
15:30	17:00	TOOH w/ 190 jts tbg. LD mill & X/O sub.
17:00	18:30	TIH w/ perg valve, 2 jts 2-7/8" tbg, desander, 4' x 2-7/8" pup jt, 1 jt tbg, SN, 1 jt tbg, TA new Weatherford w/ 50K shear, 176 jts tbg.
18:30	00:00	Shut well in for night.

Report Start Date	Report End Date	24hr Activity Summary
8/12/2014	8/13/2014	RD BOP's. Set TA. RIH w/ pmp & rods. POP. RDMOSU.

Start Time	End Time	Comment
00:00	07:00	Well was shut in for night.
07:00	09:30	Held safety meeting. Open well w/ 50 psi on casing. RD BOP's. Set TA @ 5770' w/ 18,000#'s tension w/ SN @ 5806' & EOT @ 5929'. Change over to rod equipment.
09:30	14:00	Pickup & prime pump Weatherford 2-1/2" x 1-3/4" x 20' x 23' x 24' new RHAC w/ 211"SL #4058. TIH w/ 28- 7/8" 8per rods, 131- 3/4" 4per rods, 71- 7/8' 4per rods, 2', 4', 6' x 7/8" pony rods, 1-1/2" x 30' polish rod, 2' x 7/8" pony rod. Space out pump. Test tbg & pump to 800 psi.
14:00	17:00	POP @ 4PM @ 5spm w/ 144"SL. RDMOSU.
17:00	00:00	Well on production.